

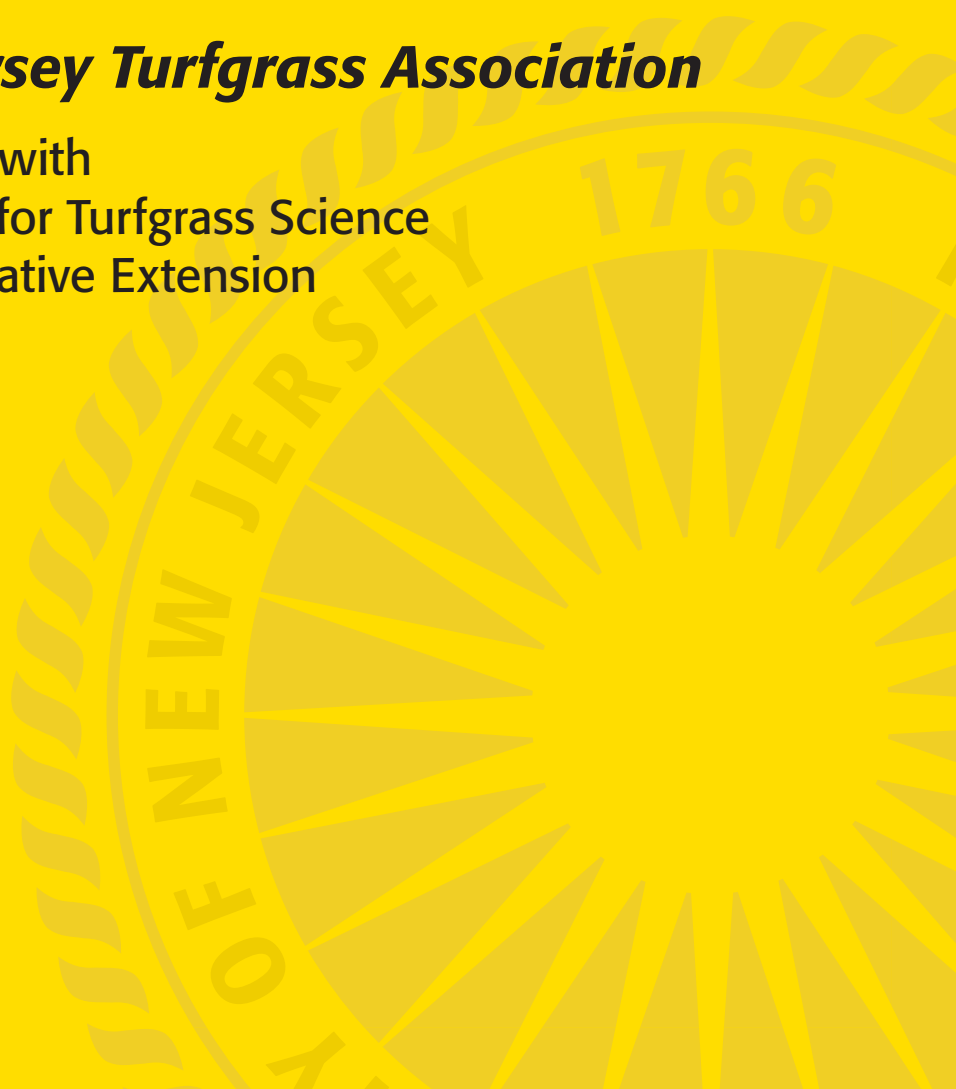
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The Rutgers Turfgrass Proceedings is published yearly by the Rutgers Center for Turfgrass Science, Rutgers Cooperative Extension, and the New Jersey Agricultural Experiment Station, School of Environmental and Biological Sciences, Rutgers, The State 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 2006 New Jersey Turfgrass Expo. Publication of these lectures provides a readily avail-

able 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.

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Dr. Ann Brooks Gould, Editor
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PERFORMANCE OF KENTUCKY BLUEGRASS CULTIVARS AND SELECTIONS IN NEW JERSEY TURF TRIALS

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Kentucky bluegrass (*Poa pratensis* L.) is one of the most widely used cool-season turfgrasses in the northern United States and Canada. Kentucky bluegrass has the ability to develop dense stands of dark green turf with a clean mowing quality in a wide range of soils and climates. The extensive rhizome system of this turfgrass provides excellent sod strength as well as the ability to recuperate after stress periods and fill in damaged areas quickly. As a result, Kentucky bluegrass is used extensively for soil stabilization and conservation, forage, and turf. Kentucky bluegrass is utilized on more than 35 million acres of pastures and on over 40 million lawns in the northeastern and north central United States, as well as in large areas of Canada and Europe (Duell, 1985).

Kentucky bluegrass topped the list of fairway grasses for golf courses in temperate climates during the early 1900s. However, after fairway mowing heights were reduced below 0.75 inch, Kentucky bluegrass was not competitive against the invasion of annual bluegrass (*Poa annua* L.) and was more susceptible to summer patch (caused by *Magnaporthe poae*) (Dernoeden, 1997). These liabilities, along with slow establishment rates, reduced the popularity of this species for fairways, especially as improved perennial ryegrasses (*Lolium perenne* L.) and creeping bentgrasses (*Agrostis stolonifera* L.) became available. The recent pandemics of gray leaf spot (caused by the fungus *Pyricularia grisea*), resulting in severe damage of perennial ryegrass fairways on golf courses, has renewed interest among some turf professionals in the use of Kentucky bluegrass for roughs and fairways. Novel methods of annual bluegrass control in Kentucky bluegrass turf stands are currently being investigated, which could potentially increase the overall utility of this species. Kentucky bluegrasses are also being tested throughout the country for tolerance to traffic and low mow-

ing heights to determine which cultivars can tolerate current golf course fairway conditions.

Since Kentucky bluegrass reproduces through an asexual process called apomixis, improvements in cultivar performance is challenging. The advantage of apomixis is that it provides the opportunity to utilize hybrid vigor and to produce true-to-type seed from superior plants generation after generation. During the past several decades more than 200 cultivars of Kentucky bluegrass have been released. Kentucky bluegrass cultivars have been developed through a number of approaches that include: i) selection of naturalized ecotypes or highly apomictic plants found in old pastures or turfs; ii) blending of highly apomictic single plants (called composites); and iii) selection of single, highly apomictic plants from breeding programs using intraspecific (within species) and interspecific (between species) hybridization.

Kentucky bluegrass can exhibit poor performance during summer months, especially in the transition zone and subtropical climates, due to heat and drought stress as well as insect and disease pressure. Currently, the Rutgers breeding program has been utilizing interspecific hybridization to improve summer stress tolerance. The breeding program is developing Texas bluegrass (*Poa arachnifera* Torr.) x Kentucky bluegrass hybrids to try to incorporate valuable traits from Texas bluegrass into Kentucky bluegrass.

Texas bluegrass, native to Texas and parts of Oklahoma, is a dioecious species that is more tolerant of heat and drought stress conditions than Kentucky bluegrass. Texas x Kentucky bluegrass crosses were made as early as 1908 by George H. Oliver, who noticed a wide variation in first generation hy-

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brids including plants that were more heat and drought tolerant and more productive than Kentucky bluegrass (Vinall and Hein, 1937). Hybrid evaluation for fertile, highly apomictic offspring with improved performance is currently underway at Rutgers. This breeding strategy of crossing female Texas bluegrass plants with Kentucky bluegrass could expand the adaptation of Kentucky bluegrass into transition zone areas and subtropical climates where better heat and drought tolerance is needed. Decreasing potable water sources and increased restrictions on water for amenities has increased demand for ecologically friendly, "green" cultivars which require fewer inputs than other turfgrass species.

The Kentucky bluegrass improvement program at Rutgers involves extensive field evaluation of collections from the United States, Europe, and Asia, new material developed in the breeding program, as well as cultivars and selections developed by other breeders. Ongoing, international collection programs to turfgrass centers of origin have enhanced the diversity of germplasm incorporated into the Kentucky bluegrass hybridization program. This leads to a large number of new Kentucky bluegrass cultivars with novel traits. In addition, the turfgrass research program at Rutgers participates in the National Turfgrass Evaluation Program (NTEP), which is sponsored by the Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. This program coordinates the nationwide testing of turfgrass cultivars and selections to determine performance in the many environments where turfgrass can be grown.

PROCEDURES

Ten trials were seeded in either August or September from 2003 to 2005 at the Rutgers Horticultural Research Farm II in North Brunswick or at the Rutgers Plant Biology and Pathology Research and Extension Farm at Adelphia, NJ (Tables 1 to 10). All tests were conducted under medium-high maintenance regimes. The soils at the two research farms are moderately fertile and well drained.

Entries in each test were sown by hand using a maximum of 0.53 oz of seed per 3 x 5 ft plot (2.2 lb seed/1000 ft²). Each test was arranged in a randomized complete block design with three replications. Annual nitrogen (N) applied and mowing heights for each trial are presented in Table 10. The amount of N applied varied among tests to permit the evaluation of characteristics known to respond to N level.

No single N application exceeded 0.75 lb/1000 ft². Mowing was frequent enough to avoid scalping and the accumulation of clippings. Reel mowers were used to maintain a mowing height of 1.5 inches.

After establishment, annual weeds were controlled using a spring or fall application of Dimension (dithiopyr) or Bensumec (bensulide), and broadleaf weeds were controlled with a fall or spring application of 2,4-D, dicamba, or MCPP. In North Brunswick, Dylox (trichlorfon) was applied in July for cutworm control. In both locations Merit (imidacloprid) was applied in August to control grubs. Soil pH was maintained between 6.0 and 6.5 with agricultural limestone, depending on soil test results. Tests were irrigated during establishment and also when needed to avoid severe drought stress.

All tests were rated frequently throughout the growing season for turf quality. Components of quality include color, brightness, leaf texture, density, uniformity, and amount of damage due to diseases and insects. Other characteristics were evaluated separately when differences became evident. These characteristics included spring green-up (Tables 1 to 3 and 5 to 7), leaf spot (Tables 2, 5, 6, and 9), establishment (Tables 8 and 10), worn turf quality and recovery (Table 5), percent cover (Table 9), and color (Table 9). All ratings except percent cover were based on a 1 to 9 scale, where 9 represents the most favorable turf quality or desirable turf characteristic. Percent cover was rated from 0 to 100, where 100 represents a full stand.

Ratings were conducted by a number of researchers throughout the season to reduce individual preferences toward a particular trait. All data were subjected to analysis of variance. Means were separated using Fisher's protected least significant difference (LSD) means separation test.

RESULTS

Results are presented in Tables 1 through 10. Entries in Tables 1 through 7 are ranked according to their overall (multi-year) quality average. Entries in Tables 8 through 10 are rated by the 2006 turf quality average. Additional characteristics observed in various tests are discussed below.

Spring Green-up

This trait is obvious during late winter or early spring and reflects the wide range of genetic diver-

sity within Kentucky bluegrass (Tables 1 to 3 and 5 to 7). Some cultivars that green-up early in the season include Starburst, Baritone, Huntington, and Brunswick. Some cultivars that were typically late to green up include Excursion, Midnight, Blue Velvet, and Princeton P-105. Many of the cultivars and selections that are specifically adapted to New Jersey and the mid-Atlantic region typically have early spring green-up. Due to an increase in leaf elongation that occurs in response to increases in temperature and day length (Parsons and Robson, 1980), cultivars adapted to this region may green up earlier in the spring. Cultivars and selections that are adapted to higher latitudes, including many of the compact type cultivars, need a more dramatic change in day length before spring growth is initiated.

Leaf Spot

Leaf spot (caused by the pathogen *Drechslera poae*) is a foliar disease that affects Kentucky bluegrass primarily under the cloudy, wet conditions of spring. Differences in tolerance to this disease were evident among many of the cultivars and selections tested (Tables 2, 5, 6, and 9). Leaf spot is often associated with low carbohydrate levels in the leaf tissue. Cultivars that green-up early in the spring use stored carbohydrates and can be more susceptible to leaf spot. A good example of this relationship can be seen in Moonstruck (Table 2). Cultivars that green up later often have more stored carbohydrates and are more tolerant of this disease (Smiley et al., 2005); Bewitched (Tables 2 and 5) is an example of this response. Some cultivars and selections with good resistance to leaf spot include Shiraz, Moonshadow, Langara, Princeton P-105, and Hallmark. Other cultivars and selections susceptible to leaf spot include Blue Angel, Moonstruck, Sonic, and RSP.

Establishment

Rapid establishment is important to consumers, sod-growers, and other turf managers who establish Kentucky bluegrass from seed. Kentucky bluegrass is one of the slowest cool-season grasses to establish a mature stand. Establishment can be influenced by factors such as genetics, seed quality, environment, management practices, and after-ripening dormancy. Some cultivars that establish rapidly include Midnight, Unique, Blackstone, Eagleton, and Award. Cultivars that are slower to establish, which is more typical of this species, include Princeton P-105 and Pioneer (Tables 8 and 10). Caution should be exercised when interpreting seedling vigor and establish-

ment of a given cultivar. After-ripening dormancy in newly harvested seed can dictate stand establishment. Seed lots can vary greatly in establishment vigor depending on age of the seed, storage conditions, and after-ripening dormancy.

In general, a dense stand is the first defense against weed encroachment. The faster the turfgrass stand can form a dense canopy the better is its ability to form a high quality, weed-free surface. Kentucky bluegrass cultivars that readily form a dense turf stand include Impact, Excursion, Prosperity, and Sonoma, whereas Skye, Moon Beam, and Touche were slower to establish (Table 9).

Worn Turf Quality and Recovery

Kentucky bluegrass is used extensively for sports fields in the temperate areas of the world due to its ability to spread laterally through rhizomes. Rhizomes help the field recover from traffic stress commonly associated with recreational uses. As a result, the demand for traffic-tolerant Kentucky bluegrass has continued to increase with the increased use of sports fields, parks, golf courses, and other recreational areas (Park et al., 2005). Kentucky bluegrass is highly variable in its ability to withstand and recuperate from traffic. Worn turf quality can be used to assess turf performance under traffic where a rating of 9 represents a dense stand of turfgrass that exhibits 100% ground cover and no annual bluegrass encroachment after simulated traffic. Some cultivars and selections that are tolerant of injury from traffic include Bewitched, Washington, and H94-467 (Table 5). Others where damage was evident include Bedazzled, Eagleton, and many Texas x Kentucky bluegrass hybrids.

The ability to recover from traffic is also important. Cultivars and selections with better recuperative ability include Bewitched, Washington, and NuGlade, whereas others, including Eagleton, Wild Horse, and Bonair, had poor recuperative ability (Table 5).

Color

Genetic color is a readily observed characteristic of Kentucky bluegrass that demonstrates the broad genetic diversity that exists within the species. Many professional sod growers, landscapers, and consumers are interested in the intensity of a cultivar's green color during the growing season or in its retention of green color during the winter months (Table 9). Some

cultivars that exhibit a darker green color during the growing season include Moonlight SLT, Arcadia, Prosperity, and Midnight II. Others that are lighter green in appearance include Skye, Julia, Champagne, and Kenblue. There were also differences in color during the winter months; some cultivars that retained green color after a hard frost included Moon Beam, Avid, and Argos. Others, such as Everest, Arcadia, Impact, and Quantum Leap, turned the color of straw (Table 9).

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 durable, high quality turf for an assortment of uses under a broad range of conditions. Improved resistance to important disease and insect pests, heat, drought, close mowing, shade, and wear is needed in cultivars that are expected to perform well in many situations.

ACKNOWLEDGEMENTS

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Table 1. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2003 at North Brunswick, NJ.

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
1	H99-338	6.2	5.7	6.7	6.2	4.7
2	Excursion	6.1	6.6	5.7	6.0	2.3
3	Beyond	6.1	6.0	6.5	5.8	1.3
4	A03-6	6.1	5.6	6.3	6.4	7.3
5	H99-334	6.1	5.6	6.2	6.4	8.0
6	A03-34	6.1	5.8	6.0	6.4	6.3
7	A03-27	6.1	5.6	6.3	6.3	6.7
8	Bedazzled	6.0	6.0	6.2	5.8	3.7
9	Midnight	6.0	5.7	6.3	6.0	1.0
10	RSP	6.0	5.5	6.1	6.3	7.0
11	H94-305	6.0	5.8	6.1	6.1	6.7
12	H99-1551	6.0	5.9	5.9	6.2	1.7
13	A99-2103	6.0	6.3	5.5	6.0	1.7
14	A03-8	5.9	5.4	6.2	6.3	7.0
15	Impact	5.9	5.9	6.1	5.8	2.0
16	A99-2559	5.9	5.9	5.7	6.1	7.3
17	A99-2717	5.9	6.3	5.5	5.8	2.0
18	Rugby II	5.9	6.2	5.8	5.7	1.7
19	A03-7	5.8	5.2	6.5	5.9	5.0
20	A03-1	5.8	6.0	5.9	5.5	3.3
21	H99-384	5.8	6.0	5.5	6.0	7.3
22	H94-467	5.8	5.0	6.1	6.3	7.7
23	Baroness	5.8	6.3	5.4	5.7	2.7
24	Huntington	5.8	5.2	6.2	6.0	8.0
25	A00-8	5.8	5.5	5.4	6.5	6.7
26	Award	5.8	6.1	5.5	5.7	2.3
27	A03-25	5.8	5.6	5.4	6.3	7.3
28	A03-29	5.8	5.0	6.0	6.3	7.3
29	A03-24	5.8	5.1	6.0	6.1	6.7
30	Liberator	5.8	6.5	5.5	5.3	2.7
31	A03-62	5.7	5.4	5.7	6.1	3.0
32	A99-2950	5.7	5.1	6.1	6.0	2.3
33	A03-5	5.7	5.7	5.6	5.9	7.3
34	NuGlade	5.7	6.4	5.4	5.3	1.3
35	Unique	5.7	5.8	5.5	5.7	1.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
36	A99-2226	5.7	5.5	5.5	6.0	2.7
37	A03-69	5.7	5.0	6.0	6.0	6.7
38	A03-3	5.7	6.0	5.4	5.6	5.3
39	A03-51	5.7	6.6	4.8	5.6	3.7
40	Bluestone	5.7	6.3	4.9	5.7	1.7
41	Mystere	5.7	5.5	5.5	6.0	1.3
42	Cabernet	5.7	5.0	5.8	6.1	6.0
43	H98-30	5.6	5.5	6.0	5.4	4.0
44	H99-165	5.6	5.1	5.7	6.2	7.0
45	Bluemoon	5.6	5.9	5.5	5.6	1.7
46	A99-2525	5.6	5.2	5.7	6.0	4.0
47	A03-70	5.6	6.0	5.2	5.6	2.0
48	H98-46	5.6	5.3	5.7	5.8	2.7
49	A03-26	5.6	5.1	5.8	5.7	7.7
50	A00-1400	5.6	7.1	4.5	5.0	3.7
51	H99-1626	5.5	5.3	5.9	5.4	6.7
52	A03-23	5.5	5.4	5.1	6.1	6.7
53	A99-2674	5.5	5.9	5.2	5.5	2.0
54	A03-20	5.5	5.5	5.6	5.4	4.3
55	A00-4135	5.5	5.0	6.0	5.5	4.0
56	Total Eclipse	5.5	6.4	4.8	5.3	2.3
57	A99-2426	5.5	5.2	5.5	5.8	2.3
58	A97-1263	5.5	5.7	5.1	5.6	2.3
59	A00-62	5.5	5.9	5.2	5.3	5.3
60	A97-1573	5.4	6.0	5.2	5.2	3.3
61	H98-487	5.4	5.5	5.6	5.1	2.7
62	A99-707	5.4	4.5	6.1	5.7	8.7
63	A00-247	5.4	5.4	5.4	5.4	1.7
64	A99-2499	5.4	5.3	5.1	5.9	2.7
65	A97-1560	5.4	5.7	5.3	5.3	2.3
66	A00-4199	5.4	5.3	5.4	5.5	2.7
67	A03-75	5.4	5.3	5.5	5.4	2.0
68	A03-64	5.4	5.4	5.1	5.7	3.7
69	A97-1287	5.4	6.0	4.9	5.2	5.5
70	A03-73	5.4	6.2	5.1	4.8	4.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
71	A03-71	5.4	4.8	5.6	5.6	3.0
72	A03-76	5.4	4.8	5.6	5.6	2.3
73	Bellissimo	5.3	6.1	4.9	5.1	2.7
74	H99-1778	5.3	4.4	5.8	5.9	6.0
75	A99-2933	5.3	5.2	5.5	5.3	2.0
76	A03-77	5.3	5.1	5.5	5.4	1.3
77	H92-389	5.3	5.3	5.0	5.6	4.7
78	Rambo	5.3	5.8	4.8	5.2	2.0
79	A03-61	5.3	5.3	5.0	5.5	3.0
80	A03-4	5.3	5.7	5.2	4.9	4.0
81	A03-28	5.2	5.8	4.6	5.3	2.7
82	A99-712	5.2	5.1	5.4	5.2	7.0
83	A98-1315	5.2	5.0	5.8	4.9	5.0
84	A03-11	5.2	5.3	5.1	5.3	5.0
85	A99-2723	5.2	6.0	4.5	5.1	3.0
86	H99-229	5.2	4.5	5.5	5.7	7.3
87	A03-21	5.2	5.2	5.5	4.8	5.0
88	A03-49	5.2	4.5	5.7	5.3	2.3
89	A00-4135	5.2	5.3	5.2	5.0	4.7
90	A99-425	5.2	6.1	4.7	4.7	4.0
91	A03-35	5.1	5.3	5.1	4.9	4.7
92	A03-56	5.1	5.7	4.8	4.9	5.0
93	A03-84	5.1	6.6	4.6	4.2	4.5
94	A93-485	5.1	5.5	5.1	4.9	5.0
95	Starburst	5.1	5.5	5.2	4.4	6.0
96	A03-12	5.1	4.7	5.4	5.0	5.7
97	A03-59	5.1	5.5	4.5	5.1	3.0
98	A99-2108	5.1	6.0	4.7	4.4	5.0
99	A03-50	5.0	6.3	4.4	4.4	4.0
100	A97-1290	5.0	5.3	4.9	4.9	5.0
101	A00-4019	5.0	4.7	5.1	5.2	3.3
102	A99-2110	5.0	6.1	4.5	4.4	2.5
103	A97-1510	5.0	5.4	4.5	5.0	3.3
104	Diva	5.0	5.4	4.8	4.7	2.3
105	A03-65	4.9	5.3	4.4	5.0	2.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
106	A00-4036	4.9	5.9	4.4	4.5	3.5
107	Sonic	4.9	4.5	4.8	5.4	4.0
108	Chicago II	4.9	5.4	4.8	4.4	1.7
109	PST-1304	4.9	6.1	3.9	4.6	3.0
110	Royce	4.9	5.4	4.2	5.0	3.0
111	Mystique	4.9	5.2	4.4	5.1	2.3
112	A99LM-15 (TB x KB hybrid ³)	4.9	5.0	4.5	5.1	6.3
113	A97-1328	4.8	5.8	3.9	4.8	2.7
114	H01-229	4.8	5.8	4.0	4.6	5.5
115	A03-78	4.8	5.3	4.6	4.5	2.0
116	Blackberry	4.8	5.0	4.8	4.6	3.0
117	A97-1371	4.8	5.5	4.2	4.7	3.3
118	A96-454	4.8	5.9	4.5	3.9	4.5
119	Lioneer	4.8	5.1	4.4	4.8	4.3
120	A03-66	4.8	5.6	4.2	4.5	4.3
121	A97-1303	4.8	5.4	4.1	4.8	2.3
122	A97-1333	4.7	5.3	3.9	5.0	3.0
123	A96-1338	4.7	5.8	4.4	3.8	4.0
124	A03-79	4.6	5.0	4.6	4.4	3.7
125	A00-4098	4.6	5.6	3.9	4.3	2.3
126	A99-3110	4.6	5.3	4.2	4.3	3.3
127	Freedom II	4.6	5.2	4.3	4.3	2.5
128	Muddy Pk	4.5	4.7	4.3	4.6	7.0
129	A01-781	4.5	4.6	4.5	4.5	3.3
130	Sonoma	4.5	6.1	3.9	3.6	2.5
131	Princeton P-105	4.5	5.1	4.2	4.1	2.0
132	A03-63	4.5	5.3	4.2	3.9	3.0
133	A98-969	4.4	5.4	3.9	4.0	5.0
134	Champagne	4.4	4.8	4.1	4.4	4.7
135	A02-947 (TB x KB hybrid)	4.4	3.3	4.7	5.3	4.3
136	A03-72	4.4	4.6	4.2	4.4	3.7
137	Boutique	4.4	6.2	3.7	3.3	3.0
138	Champlain	4.3	5.2	3.7	3.9	2.0
139	Bordeaux	4.2	5.3	3.5	3.9	5.0
140	Durham	4.2	4.9	3.3	4.4	3.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
141	Blue Chip	4.1	4.8	3.8	3.7	3.0
142	A96-1201	4.0	5.5	3.3	3.3	4.0
143	Brooklawn	4.0	5.0	3.7	3.3	4.7
144	A95-1048	3.9	5.6	3.5	2.7	.
145	Eagleton	3.8	5.4	3.4	2.5	5.0
146	A97-959	3.7	5.1	3.3	2.5	4.5
147	A02-949 (TB x KB hybrid)	3.7	3.6	3.4	3.9	5.3
148	Hunnington	3.6	4.5	3.1	3.2	3.5
149	NuBlue	3.5	4.8	2.7	3.0	4.3
	LSD at 5% =	0.9	0.7	1.2	1.4	1.8

¹9 = best turf quality

²9 = earliest spring green-up

³Texas x Kentucky bluegrass hybrid

Table 2. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2003 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
	2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
1 Shiraz	6.6	6.9	6.4	6.4	6.3	9.0
2 A03-84	6.4	6.4	6.1	6.6	5.7	8.7
3 A99-425	6.3	6.2	6.2	6.6	7.0	9.0
4 Moon Shadow	6.3	6.5	5.8	6.7	3.7	9.0
5 H98-30	6.3	6.3	5.9	6.8	5.7	9.0
6 A99-354	6.3	6.5	6.1	6.2	8.3	7.7
7 Rugby II	6.2	6.1	5.9	6.6	2.3	8.3
8 Langara	6.1	5.9	6.0	6.5	5.7	9.0
9 Princeton P-105	6.1	5.8	5.9	6.6	2.7	9.0
10 Beyond	6.1	6.1	5.7	6.5	1.7	8.7
11 Diva	6.1	6.1	6.0	6.2	5.7	8.7
12 A97-1409	6.1	6.0	5.9	6.3	1.7	8.0
13 A00-1400	6.1	6.4	6.2	5.6	3.3	8.3
14 A03-1	6.0	5.5	5.8	6.8	6.7	8.0
15 A99-2559	6.0	5.9	6.3	5.8	8.7	7.3
16 Excursion	6.0	5.6	5.8	6.6	1.3	8.0
17 A97-1573	6.0	6.5	5.5	6.0	5.3	7.7
18 2RAD-343	6.0	6.1	6.0	5.9	5.7	7.7
19 A96-1338	6.0	6.1	6.0	5.8	7.0	7.7
20 Liberator	6.0	5.6	5.9	6.4	1.7	7.7
21 Bluestone	6.0	6.0	5.6	6.3	2.0	8.0
22 Hallmark	6.0	6.1	5.6	6.1	3.3	9.0
23 SR 2284	5.9	6.2	5.5	6.1	7.3	7.7
24 Midnight	5.9	5.7	5.8	6.2	1.7	8.0
25 Total Eclipse	5.9	5.8	5.5	6.3	2.0	8.3
26 Monte Carlo	5.9	6.3	5.7	5.6	4.0	8.7
27 Award	5.9	5.7	5.4	6.6	2.0	8.0
28 Royale	5.9	6.5	5.4	5.7	6.0	8.7
29 A97-1287	5.9	6.2	5.2	6.2	6.0	8.7
30 A00-4036	5.8	5.6	5.8	6.2	4.0	9.0
31 A99-2950	5.8	5.4	5.7	6.3	5.3	9.0
32 A03-3	5.8	6.4	5.6	5.4	7.0	7.3
33 Bedazzled	5.8	5.8	5.5	6.1	5.7	8.0
34 A93-485	5.8	5.5	5.7	6.2	6.0	8.3
35 Absolute	5.8	6.1	5.5	5.7	4.0	7.7

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
36	A03-56	5.8	5.6	6.0	5.8	5.3	7.7
37	Blue Ridge	5.8	6.0	5.7	5.6	6.0	8.7
38	Wildwood	5.7	5.7	5.5	6.0	2.7	8.7
39	A99-2723	5.7	6.2	5.4	5.5	3.3	8.0
40	A97-1560	5.7	6.1	5.3	5.7	3.3	8.0
41	A99-3119	5.7	6.2	5.4	5.6	3.7	8.7
42	Perfection	5.7	6.2	5.0	5.9	2.3	7.7
43	A03-37	5.7	5.6	5.6	5.9	8.3	7.3
44	Blue Velvet	5.7	5.7	5.3	6.2	1.7	8.7
45	Baroness	5.7	6.2	5.4	5.5	3.3	7.0
46	Cabernet	5.7	5.9	5.7	5.4	6.7	7.7
47	BAR Pp 0573	5.7	6.1	5.3	5.5	5.7	7.7
48	OAN-64	5.6	5.8	5.7	5.4	5.7	8.3
49	Arcadia	5.6	5.9	5.1	5.9	2.3	8.0
50	A03-50	5.6	5.6	5.3	5.9	2.7	7.3
51	A03-66	5.6	6.4	5.2	5.1	6.0	8.3
52	H01-229	5.6	5.6	5.3	5.8	3.7	8.3
53	Champlain	5.6	5.4	5.0	6.2	3.3	8.0
54	Barrister	5.6	5.4	5.3	5.9	2.7	8.3
55	Baroness	5.5	6.1	5.0	5.5	3.7	7.3
56	A03-61	5.5	5.7	5.3	5.5	5.3	7.3
57	A99-2110	5.5	5.8	5.1	5.7	4.0	8.3
58	Boutique	5.5	5.9	5.0	5.6	6.0	9.0
59	A03-71	5.5	5.9	5.2	5.5	3.7	7.7
60	A95-1048	5.5	6.3	4.9	5.3	5.7	7.7
61	NuGlade	5.5	5.7	5.3	5.5	2.0	7.7
62	Sonoma	5.5	5.9	5.2	5.5	5.0	7.7
63	A96-975	5.5	6.1	5.3	5.1	7.0	6.7
64	A03-70	5.5	5.6	5.3	5.5	3.3	8.0
65	H99-338	5.5	5.3	5.6	5.6	6.7	7.0
66	A03-4	5.5	5.1	5.6	5.7	6.3	8.7
67	Royce	5.4	5.8	5.2	5.3	3.3	8.7
68	Rampart	5.4	5.5	5.0	5.8	5.0	8.7
69	Showcase	5.4	5.6	5.2	5.5	4.7	7.3
70	A99-2674	5.4	5.8	5.1	5.4	4.0	8.3

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
71	Pick 711	5.4	5.7	5.3	5.3	3.7	7.0
72	Starburst	5.4	5.6	5.2	5.4	7.3	7.3
73	Bellissimo	5.4	6.0	4.9	5.2	3.0	7.3
74	BlueMoon	5.4	5.7	4.7	5.7	2.0	7.7
75	Odyssey	5.4	5.8	5.0	5.3	1.7	8.0
76	A96-368	5.4	5.8	5.1	5.2	4.7	8.0
77	A99-2426	5.4	4.6	5.3	6.3	6.0	7.0
78	A00-4135	5.4	5.6	5.4	5.1	2.7	8.7
79	A99-2226	5.4	5.9	5.1	5.1	3.3	7.7
80	A00-247	5.4	5.8	5.2	5.0	4.7	7.3
81	Mystere	5.4	5.5	5.2	5.4	3.7	8.3
82	HS-03	5.4	5.6	5.0	5.4	2.3	8.3
83	A03-51	5.3	5.0	5.5	5.5	4.7	8.0
84	A03-75	5.3	5.7	4.9	5.4	4.0	8.0
85	A97-1328	5.3	5.7	5.0	5.3	4.7	8.0
86	A99-2499	5.3	5.8	4.9	5.3	3.3	7.7
87	Mystique	5.3	6.2	4.6	5.2	3.3	7.7
88	Unique	5.3	5.7	5.1	5.1	4.0	8.0
89	Bewitched	5.3	5.0	5.2	5.7	2.3	8.3
90	Baritone	5.3	5.3	5.0	5.7	6.3	5.7
91	A96-454	5.3	5.7	5.4	4.8	6.3	8.3
92	Pick 768	5.3	5.7	5.0	5.2	4.3	8.0
93	3RAD-504	5.3	6.1	4.7	5.0	4.3	7.0
94	A00-62	5.2	5.0	5.3	5.5	7.0	7.3
95	Barnique	5.2	5.4	5.1	5.2	3.7	8.0
96	A97-805	5.2	5.4	5.3	5.0	7.3	6.7
97	Impact	5.2	5.0	5.1	5.5	2.3	8.0
98	A98-1315	5.2	4.9	5.3	5.5	7.3	7.0
99	A03-65	5.2	5.5	5.0	5.1	4.7	7.7
100	A03-77	5.2	5.4	5.0	5.2	4.3	7.7
101	A99-2921	5.2	5.5	5.1	5.0	5.7	8.7
102	A99-2108	5.2	6.0	4.9	4.7	6.0	8.0
103	A99-3182	5.2	5.4	5.0	5.2	6.0	7.0
104	PST-1304	5.2	5.8	4.7	5.0	4.0	7.3
105	H94-305	5.2	5.2	5.2	5.1	8.0	5.3

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
106	H98-487	5.2	5.3	5.0	5.2	4.3	7.7
107	A97-1371	5.2	5.6	4.9	5.0	4.3	8.0
108	Chicago II	5.2	5.2	4.8	5.5	4.3	8.3
109	Arrow	5.1	5.2	4.9	5.2	5.3	7.7
110	A03-54	5.1	4.9	5.3	5.2	7.3	7.0
111	A03-76	5.1	5.7	4.6	5.1	4.7	7.3
112	A99-2717	5.1	5.1	5.0	5.3	4.3	7.7
113	Mercury	5.1	5.8	4.8	4.7	6.0	6.3
114	A99-2426	5.1	5.7	4.6	5.0	4.7	8.0
115	A99-2231	5.1	5.4	4.8	5.0	4.3	7.7
116	Eagleton	5.1	5.0	4.8	5.4	4.3	8.3
117	A00-4019	5.1	5.0	5.4	4.8	3.3	7.0
118	Touche	5.1	4.5	5.3	5.5	6.0	7.7
119	A03-38	5.1	5.0	5.1	5.0	7.0	6.3
120	A99-3110	5.1	6.3	4.5	4.4	5.3	7.7
121	A98-969	5.1	5.2	4.7	5.3	5.7	7.7
122	Rhythm	5.1	4.7	4.8	5.7	2.0	8.0
123	BAR VB 9601	5.1	5.0	4.7	5.5	4.0	8.3
124	A03-12	5.0	5.2	5.0	4.9	8.0	6.3
125	A03-34	5.0	5.1	5.0	5.0	7.0	7.3
126	A00-4149	5.0	4.7	4.6	5.8	4.0	8.3
127	A03-62	5.0	5.4	4.5	5.1	4.7	7.0
128	A99-2103	5.0	5.2	4.7	5.2	3.3	8.3
129	A98-233	5.0	4.7	5.1	5.3	4.3	8.3
130	A00-4199	5.0	5.2	4.7	5.2	3.0	8.7
131	Bariris	5.0	5.3	4.7	5.1	5.7	6.0
132	Indigo	5.0	5.3	4.8	5.0	5.3	7.7
133	Kingfisher	5.0	5.3	4.7	5.0	5.3	8.0
134	A97-1303	5.0	6.1	4.4	4.5	3.3	7.0
135	Rambo	5.0	5.2	4.6	5.1	3.0	7.3
136	Bordeaux	5.0	5.6	4.6	4.8	4.7	7.3
137	A03-35	5.0	5.3	5.1	4.5	6.7	6.7
138	Mallard	5.0	5.6	4.7	4.5	5.3	7.3
139	A03-79	4.9	5.7	4.7	4.4	5.7	8.0
140	A00-4058	4.9	5.2	4.4	5.2	5.7	8.3

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
141	Pick 453	4.9	5.0	4.4	5.3	3.7	6.7
142	A99-712	4.9	4.9	4.8	5.1	5.3	6.3
143	Shamrock	4.9	5.2	4.5	5.0	6.7	7.0
144	America	4.9	5.0	4.7	5.0	4.3	8.0
145	A03-33	4.9	5.2	4.9	4.6	6.0	6.3
146	Hunnington	4.9	5.1	5.0	4.6	7.3	6.3
147	SRX 00509	4.9	5.0	4.8	4.9	3.7	8.0
148	Freedom II	4.9	4.5	4.6	5.4	3.3	8.3
149	Lakeshore	4.9	5.0	4.6	5.0	6.7	6.7
150	A95-1087	4.8	5.0	4.7	4.8	5.3	8.7
151	A97-1686	4.8	5.3	4.8	4.4	6.3	7.7
152	SRX 26351	4.8	5.4	4.7	4.4	6.3	7.3
153	PST-1201	4.8	5.6	4.6	4.2	6.0	7.0
154	SRX 2U17	4.8	5.2	4.4	4.8	4.7	7.7
155	SRX 00451	4.8	5.1	4.6	4.7	4.0	7.0
156	Glenmont	4.8	4.5	4.6	5.2	4.7	8.7
157	Argos	4.8	4.7	4.8	4.9	6.3	7.0
158	A98-1038	4.8	5.1	4.4	4.8	6.0	7.0
159	A97-1263	4.7	4.8	4.5	4.9	3.7	7.7
160	BAR VB 3115B	4.7	4.9	4.5	4.8	4.7	6.7
161	SR 2100	4.7	4.9	4.4	4.8	2.7	8.7
162	NA-3248	4.7	4.1	5.0	5.0	6.3	6.7
163	Barimpala	4.7	4.8	4.7	4.6	6.7	5.7
164	Baronette	4.7	5.3	4.2	4.6	5.7	9.0
165	Champagne	4.7	5.0	4.3	4.7	6.7	7.0
166	VB 20935	4.7	4.7	4.4	4.9	4.7	5.7
167	Pick 46	4.7	4.5	4.9	4.6	4.3	7.7
168	A03-63	4.6	4.9	4.5	4.5	4.7	7.3
169	A98-869	4.6	5.2	3.9	4.8	6.7	7.0
170	BlueChip	4.6	4.9	4.6	4.4	4.0	7.0
171	Explorer	4.6	5.4	4.2	4.3	2.3	7.3
172	H97-615	4.6	5.1	4.4	4.4	8.0	5.7
173	99AN-50	4.6	5.0	4.2	4.5	6.3	6.3
174	Baronie	4.6	4.8	4.4	4.6	6.3	6.7
175	H92-389	4.6	4.3	4.6	4.8	4.0	8.3

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
176	A99-2427	4.6	4.8	4.2	4.6	2.7	8.3
177	A97-1290	4.6	4.6	4.4	4.7	6.3	7.0
178	H94-467	4.6	5.0	4.6	4.1	8.0	3.7
179	Bar Pp 0566	4.6	5.0	4.3	4.3	5.7	8.0
180	A99-2525	4.5	4.0	4.3	5.3	3.3	7.7
181	A99-707	4.5	4.8	4.3	4.5	8.7	6.0
182	A97-959	4.5	4.6	4.1	5.0	5.7	7.7
183	Brooklawn	4.5	4.4	4.3	4.9	6.0	6.3
184	A98-305	4.5	4.7	4.5	4.4	4.0	7.3
185	2RAD-345	4.5	4.9	4.1	4.6	6.0	7.3
186	Limousine	4.5	4.5	4.1	5.0	5.3	6.3
187	Cynthia	4.5	5.1	3.9	4.6	5.0	5.7
188	RSP	4.5	5.1	4.1	4.3	6.3	4.7
189	KBB-03	4.5	5.0	4.3	4.3	6.7	5.3
190	Baron	4.5	4.6	4.6	4.4	3.3	6.3
191	A03-72	4.5	4.9	4.4	4.3	5.3	7.7
192	A99-2280	4.5	4.3	4.1	5.0	6.0	6.7
193	A00-TXKB-03 (TB x KB hybrid ⁴)	4.5	4.2	4.8	4.4	4.7	5.7
194	SRX 2ORF	4.4	4.7	4.2	4.5	5.0	7.3
195	H99-164	4.4	4.1	4.2	4.9	6.7	7.7
196	Blackberry	4.4	5.5	4.2	3.6	4.7	7.7
197	Lioneer	4.4	4.4	4.3	4.4	6.3	7.0
198	Bartender	4.4	4.7	4.6	3.8	7.0	5.3
199	H01-494	4.3	4.4	4.5	4.1	9.0	3.0
200	Barcrista	4.3	4.7	3.7	4.6	7.3	8.3
201	Fairfax	4.3	4.7	3.6	4.8	5.7	7.7
202	Blue Sapphire	4.3	4.8	4.1	4.1	5.0	7.7
203	7SE 13	4.2	4.4	3.9	4.3	2.0	7.3
204	SRX 00332	4.2	3.9	4.1	4.6	3.0	6.7
205	Cheetah	4.2	4.8	3.6	4.1	4.3	6.7
206	SRX 003078	4.1	3.7	4.0	4.7	5.3	8.0
207	A98-407	4.1	4.4	4.1	3.9	5.3	6.3
208	NuBlue	4.1	4.5	3.7	4.2	5.7	6.3
209	Muddy Pk	4.1	4.5	4.1	3.8	7.3	3.3
210	Pick 1343	4.1	4.5	3.9	3.9	6.0	6.7

(Continued)

Table 2 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006	Leaf Spot ³ May 2006
	2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.		
211 Canon	4.1	4.3	4.0	4.0	4.3	7.7
212 A01-781	4.1	5.3	4.0	2.9	5.3	5.7
213 NA-3283	4.0	5.0	3.8	3.2	6.7	7.0
214 2RAD-341	4.0	5.1	3.8	3.1	4.3	3.3
215 Sonic	4.0	5.1	3.5	3.3	4.3	5.0
216 2RAD-338	4.0	4.7	3.9	3.3	2.0	6.7
217 2RAD-308	3.9	4.6	3.8	3.4	3.7	6.3
218 Marquis	3.9	4.2	3.7	3.9	6.0	5.7
219 SRX 003064	3.9	3.5	3.9	4.4	5.3	6.3
220 WP 301	3.9	4.0	4.0	3.8	6.7	4.3
221 SRX 27921	3.8	4.2	3.4	3.9	5.0	7.0
222 A02-949 (TB x KB hybrid)	3.8	4.1	3.5	3.8	6.0	6.7
223 IS-KFLO	3.7	4.6	3.4	3.1	5.0	6.0
224 IS-KB310	3.6	3.5	3.4	4.0	3.3	7.3
225 2RAD-76	3.6	4.2	3.4	3.1	6.0	2.0
226 Cadet	3.5	3.7	3.6	3.3	6.0	6.7
227 Wellington	3.5	4.2	3.7	2.6	8.0	2.3
228 A99-TXKB-03 (TB x KB hybrid)	3.3	3.2	3.4	3.2	5.7	6.0
229 NA-3249	3.0	3.6	3.0	2.5	5.7	6.0
230 Moonstruck	2.9	3.8	3.0	2.1	8.0	1.7
231 Blue Angel	2.9	4.0	2.8	1.8	7.7	1.0
LSD at 5% =	0.7	1.0	0.8	0.8	1.4	1.2

¹9 = best turf quality²9 = earliest spring green-up³9 = least disease⁴Texas x Kentucky bluegrass hybrid

Table 3. Performance of Test 2 Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2003 at Adelphia, NJ.

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
1	101-389	5.8	5.9	5.5	6.2	4.3
2	109-961	5.8	5.9	6.5	4.9	2.0
3	Prosperity	5.7	6.1	6.0	5.1	1.0
4	Serene	5.7	5.9	5.9	5.3	3.7
5	Blue-tastic	5.6	5.9	5.8	5.0	2.7
6	Midnight II	5.6	5.4	5.8	5.4	1.7
7	Blueberry	5.5	4.9	5.6	5.9	2.3
8	1A2-53	5.5	5.5	5.4	5.4	3.7
9	Blue-Rriffic	5.4	5.2	5.5	5.5	4.0
10	NorthStar	5.4	5.3	5.9	5.0	1.0
11	102-46	5.3	5.3	5.4	5.2	4.7
12	H99-384	5.2	5.2	5.3	5.1	5.3
13	Apollo	5.2	5.5	5.6	4.5	2.0
14	Emblem	5.2	4.7	5.3	5.4	2.0
15	Moon Beam	5.2	4.9	5.3	5.2	3.3
16	A0-32	5.1	5.1	4.8	5.3	3.7
17	102-110	5.1	4.5	5.3	5.5	4.3
18	Moonlight	5.1	5.4	5.4	4.6	2.3
19	Voyager II	5.1	5.4	5.5	4.4	1.7
20	Midnight Star	5.1	4.7	4.9	5.6	3.7
21	Midnight	5.1	4.9	5.0	5.3	1.7
22	102-360	5.1	5.0	4.9	5.3	2.3
23	109-760	5.1	4.6	5.1	5.5	1.3
24	102-145	5.0	4.7	5.3	5.1	3.3
25	1A1-326	5.0	5.2	4.7	5.2	1.0
26	109-1110	5.0	4.9	5.2	4.9	2.0
27	Y2K-31	5.0	4.8	5.0	5.2	2.0
28	Y2K-132	5.0	4.9	4.6	5.3	3.7
29	101-98	4.9	5.5	4.4	5.0	3.0
30	A99LM-15 (TB x KB hybrid ³)	4.9	5.1	4.9	5.0	4.0
31	H99-132	4.9	5.2	5.1	4.5	3.3
32	Blackstone	4.9	5.3	5.1	4.4	3.3
33	1A2-888	4.9	4.5	4.8	5.5	3.0
34	Pp-23651	4.9	4.8	5.2	4.7	4.7
35	102-21	4.9	4.7	5.0	5.0	2.0

(Continued)

Table 3 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
36	101-519	4.8	4.6	5.1	4.8	3.7
37	Unique	4.8	5.0	5.4	4.2	1.7
38	109-285	4.8	5.3	4.9	4.3	1.0
39	Moonshine	4.8	4.7	4.8	4.8	4.0
40	Brilliant	4.8	5.2	5.0	4.1	1.3
41	109-507	4.8	4.9	5.3	4.2	3.0
42	102-1048	4.8	5.6	4.9	3.8	2.5
43	1QG-36	4.7	4.5	4.8	4.9	2.0
44	1B7-166	4.7	4.9	5.0	4.4	3.0
45	102-371	4.7	3.8	5.3	5.0	3.7
46	102-349	4.7	4.2	4.4	5.4	3.3
47	109-256	4.7	4.3	5.2	4.8	3.0
48	A00TB-101 (TB x KB hybrid)	4.7	4.6	4.7	4.7	5.7
49	Longhorn (TB x KB hybrid)	4.7	4.5	4.8	4.6	4.0
50	1A2-511	4.7	4.6	4.1	5.3	4.3
51	102-427	4.7	4.6	4.8	4.8	1.3
52	B5-114	4.6	5.0	4.3	4.3	2.0
53	PST-1304	4.6	4.5	4.8	4.4	2.0
54	Opti-Green	4.5	4.4	4.6	4.5	3.7
55	109-155	4.5	4.3	4.9	4.4	3.3
56	High Noon	4.5	4.6	4.2	4.8	5.0
57	102-390	4.5	4.2	4.6	4.7	3.3
58	1A1-338	4.5	3.9	4.6	4.9	3.0
59	109-1060	4.5	4.2	5.0	4.3	4.3
60	102-354	4.5	3.9	4.7	4.9	3.0
61	Blacksburg II	4.5	4.2	4.7	4.5	3.3
62	102-524	4.5	4.6	4.4	4.4	2.3
63	102-158	4.4	3.9	4.9	4.4	4.0
64	102-388	4.4	4.3	4.3	4.6	1.3
65	102-384	4.3	4.2	4.1	4.7	4.0
66	1A2-517	4.3	4.5	4.0	4.4	2.5
67	102-1	4.3	3.8	4.0	5.0	4.3
68	109-1122	4.3	3.9	4.3	4.6	4.3
69	102-23	4.2	4.1	4.4	4.4	3.0
70	1A2-551	4.2	4.2	3.9	4.7	4.0

(Continued)

Table 3 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----				Spring Green-up ² April 2006
		2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.	
71	102-43	4.2	3.6	4.6	4.4	2.7
72	109-210	4.2	4.2	4.4	4.1	3.3
73	Y2K-186	4.2	4.2	3.9	4.4	3.0
74	1A2-501	4.0	3.9	3.7	4.4	4.0
75	102-159	3.9	3.2	4.3	4.2	4.7
76	102-26	3.8	4.2	4.0	3.4	3.3
77	102-542	3.7	4.3	3.5	3.5	4.0
78	102-444	3.7	3.5	3.3	4.2	4.0
79	102-19	3.6	3.0	3.5	4.4	3.3
80	102-1011	3.6	3.7	3.2	3.9	4.0
LSD at 5% =		0.7	1.1	0.9	0.7	1.2

¹9 = best turf quality

²9 = earliest spring green-up

³Texas x Kentucky bluegrass hybrid

Table 4. Performance of Texas x Kentucky bluegrass hybrid cultivars and selections in a turf trial seeded in September 2003 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----			
	2004-2006 Avg.	2004 Avg.	2005 Avg.	2006 Avg.
1 Langara (Kentucky bluegrass ²)	5.7	5.9	5.8	5.4
2 A03TB-258	5.6	5.5	6.4	4.9
3 A03TB-252	5.6	5.6	5.9	5.3
4 Midnight (Kentucky bluegrass)	5.6	5.7	5.7	5.4
5 A03TB-251	5.3	5.1	5.2	5.4
6 A99LM-15	5.2	5.2	5.1	5.4
7 A02-949	5.1	4.9	5.2	5.3
8 Bandera	5.1	5.4	5.3	4.7
9 Baron (Kentucky bluegrass)	4.8	5.2	4.8	4.5
10 Unique (Kentucky bluegrass)	4.7	4.7	5.3	4.3
11 A02-284	4.6	4.8	4.1	4.9
12 A03TB-243	4.6	4.8	4.5	4.6
13 Brooklawn (Kentucky bluegrass)	4.6	4.6	4.4	4.8
14 A01-881	4.5	4.5	4.7	4.6
15 Eagleton (Kentucky bluegrass)	4.5	4.8	4.7	4.1
16 A03TB-247	4.5	4.4	4.4	4.5
17 A03TB-248	4.5	4.1	4.3	5.0
18 A02-947	4.4	4.1	4.8	4.3
19 A03TB-256	4.4	4.9	3.9	4.4
20 RSP (Kentucky bluegrass)	4.3	4.9	4.3	3.6
21 A99LM-18	4.1	4.2	3.7	4.4
22 A03TB-246	4.1	4.2	3.7	4.3
23 A03TB-255	3.5	3.1	3.4	4.0
24 A01-893	3.5	2.5	3.7	4.2
25 A03TB-254	3.4	3.6	2.9	3.8
26 A02-972	2.9	2.8	2.6	3.3
27 A03TB-250	2.8	1.5	3.0	3.9
28 A03TB-257	2.6	1.5	2.9	3.5
LSD at 5% =	0.4	0.5	0.6	0.6

¹9 = best turf quality

²Kentucky bluegrass standard

Table 5. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2004 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality'-----		-----Turf Quality'-----		Worn Turf Quality'-----		Recovery from Wear ² Oct. 2006		Spring Green-up ³ April 2006		Leaf Spot ⁴ May 2006	
	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005-2006 Avg.	2006 Avg.	2006	2006	2006	2006
1 A03-84	6.7	6.4	7.0	5.7	5.5	5.8	6.0	6.3	6.3	8.0		
2 A97-1287	6.7	6.6	6.8	5.8	6.2	5.3	6.3	7.0	7.7	7.7		
3 Bewitched	6.6	6.8	6.5	7.2	6.8	7.5	7.7	1.7	8.3	8.3		
4 Diva	6.5	6.5	6.6	5.3	5.5	5.2	6.3	5.7	7.7	7.7		
5 A01-245	6.3	6.2	6.5	6.0	6.3	5.7	7.3	4.3	7.3	7.3		
6 A04-69	6.3	6.1	6.5	5.3	5.0	5.7	7.3	6.0	7.0	7.0		
7 Washington	6.3	5.9	6.7	6.1	6.0	6.2	7.0	6.7	7.0	7.0		
8 Bedazzled	6.3	6.1	6.5	4.9	4.7	5.2	6.0	5.0	8.3	8.3		
9 A99-2559	6.2	5.4	6.9	5.9	5.8	6.0	6.3	7.7	7.7	7.7		
10 A99-2758	6.2	5.8	6.5	6.2	5.7	6.7	7.3	4.3	8.0	8.0		
11 A04-74	6.2	6.2	6.1	4.1	4.8	3.3	5.0	2.3	7.7	7.7		
12 NuGlade	6.2	5.5	6.9	6.3	5.7	7.0	7.3	3.0	9.0	9.0		
13 A04-49	6.1	5.6	6.7	5.8	5.5	6.0	6.0	6.7	8.0	8.0		
14 A01-299	6.1	5.8	6.5	4.8	4.0	5.7	6.3	4.0	8.7	8.7		
15 A01-250	6.1	6.1	6.0	6.1	6.2	6.0	6.7	4.3	5.7	5.7		
16 A04-46	6.1	5.7	6.4	5.8	5.8	5.8	7.0	4.3	7.0	7.0		
17 A96-1338	6.0	6.0	5.9	6.1	6.0	6.2	7.0	7.7	6.3	6.3		
18 A99-3124	5.9	6.1	5.8	6.1	5.8	6.3	7.0	3.3	6.7	6.7		
19 A04-67	5.9	5.3	6.4	3.7	3.2	4.2	6.3	6.3	8.0	8.0		
20 RSP	5.9	5.7	6.2	7.3	7.0	7.7	7.0	9.0	4.3	4.3		
21 Cabernet	5.9	5.4	6.4	5.8	5.3	6.3	5.3	7.0	7.0	7.0		
22 A97-1560	5.9	5.9	5.7	6.1	5.8	6.3	7.0	3.3	6.0	6.0		
23 A99-523	5.8	6.0	5.7	5.8	6.0	5.7	7.0	3.3	6.7	6.7		
24 A98-210	5.8	5.6	6.1	3.8	4.2	3.3	4.7	6.7	7.3	7.3		
25 Bravado	5.8	5.7	5.8	4.5	4.0	5.0	5.0	5.0	7.7	7.7		

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality'-----		-----Turf Quality'-----		Worn Turf Quality'-----		Recovery from Wear ² Oct. 2006		Spring Green-up ³ April 2006		Leaf Spot ⁴ May 2006	
	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005-2006 Avg.	2006 Avg.	2006	2006	2006	2006
26 H98-487	5.8	5.8	5.8	5.3	5.2	5.3	7.7	5.3	2.7	7.0	7.0	7.0
27 Princeton P-105	5.8	5.2	6.3	5.9	6.0	5.8	6.7	5.8	4.0	8.0	8.0	8.0
28 A01-324	5.7	5.7	5.7	4.3	4.2	4.3	3.3	4.3	6.3	8.3	8.3	8.3
29 Unique	5.7	5.8	5.6	6.0	6.0	6.0	6.3	6.0	2.3	6.7	6.7	6.7
30 Eagleton	5.7	5.6	5.8	4.1	4.5	3.7	3.3	3.7	5.3	7.3	7.3	7.3
31 H94-467	5.7	5.5	5.9	7.2	7.0	7.3	6.7	7.3	8.3	5.0	5.0	5.0
32 A04-36	5.7	5.3	6.0	5.7	5.0	6.3	5.7	6.3	7.3	6.3	6.3	6.3
33 A04-45	5.7	5.3	6.0	4.0	4.3	3.7	5.7	3.7	3.0	8.7	8.7	8.7
34 A99-292	5.7	5.8	5.5	3.6	2.8	4.3	4.0	4.3	4.0	8.0	8.0	8.0
35 A99-2108	5.7	5.5	5.8	4.6	5.0	4.2	5.7	4.2	7.0	8.0	8.0	8.0
36 A01-247	5.6	5.7	5.4	5.7	6.0	5.3	7.0	5.3	3.0	7.0	7.0	7.0
37 A04-68	5.6	5.4	5.8	5.2	4.3	6.0	6.7	6.0	5.3	8.0	8.0	8.0
38 A98-339	5.5	5.8	5.2	5.3	5.5	5.2	6.7	5.2	5.3	7.0	7.0	7.0
39 A99-2352	5.5	5.3	5.6	4.8	5.0	4.5	6.0	4.5	3.3	7.3	7.3	7.3
40 A04-39	5.5	5.3	5.6	5.7	5.7	5.7	5.0	5.7	6.0	7.3	7.3	7.3
41 A04-66	5.5	5.5	5.5	5.0	4.7	5.3	5.7	5.3	6.3	7.7	7.7	7.7
42 A04-38	5.5	5.5	5.5	6.1	6.2	6.0	5.7	6.0	6.0	7.3	7.3	7.3
43 A98-108	5.4	5.6	5.3	4.3	4.2	4.5	3.0	4.5	5.3	7.3	7.3	7.3
44 H99-338	5.4	4.8	6.1	5.7	5.2	6.2	6.3	6.2	6.3	7.3	7.3	7.3
45 A04-23	5.4	5.5	5.3	6.3	6.7	5.8	5.7	5.8	2.7	7.7	7.7	7.7
46 A04-37	5.4	5.2	5.6	5.3	5.5	5.2	5.3	5.2	6.3	6.0	6.0	6.0
47 A98-216	5.4	5.3	5.4	4.5	5.0	4.0	4.7	4.0	4.0	7.7	7.7	7.7
48 A04-72	5.4	5.3	5.5	4.4	4.3	4.5	5.3	4.5	6.7	6.3	6.3	6.3
49 A95-418	5.4	5.4	5.3	4.2	4.3	4.0	5.3	4.0	4.3	8.3	8.3	8.3
50 A04-35	5.3	5.3	5.4	6.1	6.5	5.7	4.7	5.7	5.7	7.3	7.3	7.3

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality'-----		-----Turf Quality'-----		Worn Turf Quality'-----		Recovery from Wear ² Oct. 2006		Spring Green-up ³ April 2006	Leaf Spot ⁴ May 2006
	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005 Avg.	2006 Avg.	2005 Avg.	2006 Avg.	2006	2006	2006
51 A99-2933	5.3	5.5	5.1	3.8	3.3	4.2	4.3	4.0	8.0	
52 A04-43	5.3	5.0	5.6	4.0	4.3	3.7	3.0	6.0	6.7	
53 A04-71	5.3	5.2	5.3	6.5	6.5	6.5	7.7	2.3	7.3	
54 A00-4199	5.3	4.7	5.9	5.1	4.3	5.8	5.3	5.0	7.7	
55 A03-63	5.2	5.3	5.1	4.2	3.7	4.7	6.3	5.0	6.0	
56 A02-788	5.2	5.7	4.8	4.0	4.5	3.5	3.7	6.0	8.3	
57 A04-33	5.2	5.0	5.4	4.9	5.5	4.3	4.3	6.3	7.0	
58 A04-40	5.2	5.0	5.4	5.8	5.5	6.0	5.7	6.7	7.3	
59 A98-434	5.1	5.2	5.1	3.8	4.2	3.3	5.3	4.7	5.7	
60 A04-22	5.1	4.9	5.4	5.4	5.5	5.3	7.0	5.3	5.3	
61 A04-48	5.1	4.6	5.6	5.0	4.7	5.3	7.0	6.0	6.0	
62 A99-2852	5.0	4.9	5.1	4.8	3.8	5.8	5.0	7.0	7.3	
63 H01-492	5.0	4.4	5.6	6.5	6.0	7.0	6.7	7.0	4.3	
64 Sonic	5.0	4.7	5.2	4.8	5.0	4.5	5.3	5.7	5.7	
65 A04-63	4.9	4.3	5.5	6.6	5.2	8.0	6.3	6.0	7.7	
66 A98-689	4.9	4.8	5.0	5.0	4.5	5.5	4.0	7.3	5.3	
67 A93-201	4.9	5.2	4.6	3.9	4.8	3.0	2.3	6.7	6.3	
68 A97-959	4.9	4.7	5.0	5.2	6.3	4.0	3.7	5.3	6.0	
69 H01-912	4.8	4.0	5.6	6.6	4.8	8.3	5.7	6.7	7.3	
70 Brunswick	4.8	5.1	4.5	4.3	5.2	3.3	3.0	7.7	6.3	
71 H01-473	4.8	4.2	5.3	5.6	5.3	5.8	6.7	8.0	3.7	
72 A04-73	4.8	4.9	4.6	3.0	2.7	3.3	4.0	6.0	6.3	
73 A04-32	4.7	4.7	4.7	5.8	5.7	5.8	6.3	5.3	7.0	
74 A04-51	4.7	4.6	4.8	3.5	4.5	2.5	4.3	4.7	6.3	
75 Wild Horse	4.7	4.6	4.9	4.8	5.2	4.3	2.7	6.0	6.7	

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----		-----Turf Quality ¹ -----		-----Turf Quality ¹ -----		Recovery from Wear ² Oct. 2006		Spring Green-up ³ April 2006		Leaf Spot ⁴ May 2006	
	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005-2006 Avg.	2005 Avg.	2006 Avg.	2005-2006 Avg.	2006	2006	2006	2006	2006
76 A04-31	4.7	5.0	4.5	3.9	4.0	3.8	4.3	4.3	3.0	5.3	5.3	5.3
77 Thorough-Blue	4.7	4.4	5.0	6.3	5.8	6.7	7.0	7.0	5.3	4.7	4.7	4.7
78 H04-88	4.6	4.9	4.3	3.3	3.3	3.2	4.0	4.0	4.0	7.0	7.0	7.0
79 Bonaire	4.6	4.7	4.6	5.1	5.7	4.5	2.7	2.7	7.0	7.0	7.0	7.0
80 U-1885	4.6	4.1	5.1	7.2	6.3	8.0	6.7	6.7	8.3	3.3	3.3	3.3
81 A03TB-251 (TB x KB hybrid ⁵)	4.4	4.1	4.7	2.6	2.3	2.8	2.3	2.3	6.3	6.7	6.7	6.7
82 U-2005	4.3	4.1	4.5	3.5	2.7	4.3	3.7	3.7	9.0	3.0	3.0	3.0
83 U-1807	4.0	3.9	4.1	3.5	2.8	4.2	4.0	4.0	9.0	3.0	3.0	3.0
84 A02-976 (TB x KB hybrid)	3.6	3.4	3.8	2.0	1.8	2.2	5.3	5.3	5.3	5.7	5.7	5.7
85 A03TB-252 (TB x KB hybrid)	3.6	3.3	3.8	3.1	2.5	3.7	5.0	5.0	6.0	5.3	5.3	5.3
86 A03TB-246 (TB x KB hybrid)	3.5	3.3	3.7	2.8	3.0	2.7	4.0	4.0	7.0	5.0	5.0	5.0
87 A02-947 (TB x KB hybrid)	2.9	2.3	3.5	2.4	2.2	2.7	5.7	5.7	5.0	5.0	5.0	5.0
88 A02-975 (TB x KB hybrid)	2.5	2.2	2.9	2.4	2.3	2.5	4.3	4.3	5.7	4.7	4.7	4.7
LSD at 5% =	0.6	0.7	0.8	1.0	1.0	1.5	1.6	1.6	1.6	1.3	1.3	1.3

¹9 = best turf quality

²9 = fastest recovery from wear

³9 = earliest spring green-up

⁴9 = least disease

⁵Texas x Kentucky bluegrass hybrid

Table 6. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2004 at Adelphia, NJ.

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
1	H98-30	6.8	6.6	6.9	4.7	8.7
2	A96-324	6.7	6.5	6.9	3.3	7.7
3	A99-2559	6.7	7.1	6.2	6.3	6.3
4	H01-229	6.6	5.7	7.5	5.0	8.7
5	Midnight II	6.5	6.4	6.6	3.0	8.7
6	Awar	6.5	6.2	6.7	2.3	9.0
7	Champlain	6.5	6.6	6.3	4.3	8.7
8	Prosperity	6.4	6.3	6.5	2.7	9.0
9	Shiraz	6.4	5.9	6.8	5.7	8.7
10	Midnight	6.3	6.1	6.6	1.7	8.3
11	A97-1686	6.3	5.9	6.8	2.7	8.7
12	Arcadia	6.3	5.9	6.7	2.0	8.7
13	NuDestiny	6.3	6.2	6.4	2.0	8.7
14	A99-3182	6.3	6.5	6.1	4.3	6.7
15	AKBO47	6.3	6.2	6.4	2.0	9.0
16	A00-2882	6.2	6.6	5.9	6.0	9.0
17	Liberator	6.2	6.3	6.2	3.0	8.7
18	Odyssey	6.2	6.0	6.4	1.7	8.7
19	A03-84	6.2	5.8	6.6	5.0	8.7
20	A01-32	6.2	6.5	5.9	5.7	7.3
21	A00-4135	6.1	6.1	6.2	4.0	9.0
22	Everglade	6.1	6.0	6.2	2.3	8.7
23	A96-1338	6.1	6.0	6.2	6.3	7.7
24	Bluestone	6.1	5.7	6.4	2.7	8.7
25	A04-46	6.0	6.1	6.0	5.3	7.0
26	H99-338	6.0	6.0	6.0	5.3	7.0
27	Washington	6.0	5.9	6.1	6.0	7.7
28	A97-1287	6.0	5.7	6.2	5.7	8.3
29	A00-4036	6.0	5.7	6.2	4.0	8.7
30	Langara	6.0	5.9	6.1	4.7	8.7
31	Preakness	6.0	6.1	5.9	4.7	8.0
32	Beyon	6.0	5.6	6.3	2.3	7.3
33	Emblem	5.9	5.1	6.8	2.3	8.7
34	A01-245	5.9	5.8	6.0	2.7	8.0
35	MSP 3700	5.9	6.2	5.6	2.7	8.0

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
36	Chicago II	5.9	6.0	5.8	3.0	9.0
37	A04-66	5.9	5.7	6.1	6.0	8.0
38	SR 2284	5.9	6.3	5.5	5.7	8.3
39	Tsunami	5.9	5.9	5.9	2.3	8.3
40	Bedazzled	5.9	5.4	6.3	5.7	9.0
41	A00-247	5.9	6.1	5.6	3.3	7.7
42	PST-103-348	5.8	5.0	6.7	6.7	8.3
43	A99-3117	5.8	5.9	5.8	3.0	8.0
44	A03-56	5.8	6.2	5.5	5.7	7.3
45	Everest	5.8	5.9	5.8	2.7	8.3
46	Absolute	5.8	5.4	6.2	2.7	9.0
47	A03-38	5.8	5.9	5.7	8.0	7.0
48	SRX A00553	5.8	6.1	5.5	3.0	8.0
49	A04-68	5.8	6.0	5.5	4.7	6.7
50	SRX A0035	5.8	6.0	5.5	4.0	8.7
51	PST-1A1-199	5.7	5.9	5.6	5.3	8.3
52	A04-69	5.7	5.6	5.9	5.7	6.0
53	NuGlade	5.7	6.0	5.5	2.3	7.0
54	H98-768	5.7	6.0	5.4	3.3	7.7
55	A01-195	5.7	5.8	5.5	5.0	6.3
56	Bellissimo	5.7	5.9	5.5	3.0	7.7
57	Royce	5.7	5.9	5.5	3.7	8.3
58	NAK-3271	5.7	5.3	6.1	3.3	7.7
59	Bewitched	5.7	5.0	6.3	2.7	9.0
60	A98-339	5.7	5.9	5.4	4.7	7.0
61	A97-1560	5.7	6.1	5.2	3.3	8.0
62	Brilliant	5.7	5.7	5.6	3.3	8.0
63	Mercury	5.7	6.2	5.1	5.7	7.3
64	Caberbet	5.7	5.7	5.6	6.0	6.7
65	A03-71	5.7	5.7	5.6	3.7	7.3
66	Gamma	5.7	5.3	6.0	5.0	8.7
67	Unique	5.6	6.1	5.1	3.0	7.7
68	Rhythm	5.6	5.4	5.8	2.3	8.0
69	A99-2231	5.6	6.1	5.1	3.3	8.0
70	A95-1930	5.6	5.6	5.6	5.0	7.7

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
71	A98-108	5.6	5.9	5.2	4.3	8.3
72	A99-2213	5.6	5.8	5.3	2.7	8.0
73	A01-299	5.6	5.7	5.4	3.3	7.3
74	MSP 3635	5.6	5.9	5.2	3.3	8.0
75	Alpine	5.6	4.8	6.3	2.0	9.0
76	A99-354	5.6	5.8	5.4	8.0	6.7
77	Kingfisher	5.6	5.6	5.5	4.7	9.0
78	PST-103-412	5.5	6.1	5.0	6.0	6.3
79	H98-711	5.5	5.7	5.4	3.0	8.0
80	A99-2426	5.5	5.7	5.4	4.7	8.0
81	A98-969	5.5	5.2	5.8	6.0	8.3
82	A03-3	5.5	5.3	5.7	6.3	6.0
83	A04-71	5.5	5.1	5.9	3.0	6.0
84	PST-109-752	5.5	6.1	4.9	6.7	6.7
85	H94-305	5.5	5.7	5.3	7.7	6.7
86	PST-102-48	5.5	4.8	6.1	6.3	7.3
87	PST-103-585	5.5	5.2	5.7	5.3	9.0
88	Showcase	5.5	5.9	5.0	3.0	7.7
89	Princeton P-105	5.5	5.4	5.5	3.3	9.0
90	A01-250	5.5	5.6	5.3	3.3	7.3
91	A97-1303	5.5	5.5	5.4	3.0	7.0
92	SW AG514	5.5	5.0	5.9	3.0	8.7
93	H98-46	5.5	5.8	5.1	3.0	7.7
94	Royce	5.5	5.6	5.3	6.7	7.7
95	Freedom III	5.5	5.6	5.3	3.3	8.0
96	PST-109-996	5.4	5.9	4.9	5.7	7.0
97	Moonlight	5.4	5.8	5.1	3.0	7.7
98	A99-378	5.4	5.4	5.4	5.0	6.3
99	Rambo	5.4	5.1	5.7	2.0	8.3
100	A01-247	5.4	5.3	5.5	3.7	7.7
101	A04-49	5.4	5.0	5.8	6.3	6.7
102	PST-103-344	5.4	4.7	6.1	4.0	8.0
103	A99-2433	5.4	5.7	5.1	3.0	7.7
104	MSP 3633	5.4	5.6	5.1	2.3	7.7
105	Voyager II	5.4	5.6	5.2	3.0	8.0

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
106	A99-269	5.4	5.6	5.2	3.0	8.0
107	PST-101-73	5.4	5.7	5.0	4.0	8.3
108	Diva	5.3	5.0	5.7	4.3	8.7
109	MSP 3629	5.3	5.2	5.5	5.3	8.3
110	Arrowhead	5.3	5.1	5.6	3.7	8.7
111	A04-63	5.3	5.0	5.7	5.7	6.0
112	A99-523	5.3	5.7	4.9	3.0	7.3
113	NAK-3248	5.3	5.1	5.5	5.7	7.0
114	A00-57	5.3	5.6	5.0	4.7	6.7
115	Impact	5.3	5.3	5.3	2.3	7.7
116	H01-912	5.3	5.1	5.5	5.7	6.3
117	A96-323	5.3	4.9	5.7	6.0	8.7
118	A04-365 (TB x KB hybrid ⁴)	5.3	5.5	5.0	8.3	5.3
119	Bordeaux	5.3	5.4	5.1	4.7	7.3
120	Apollo	5.3	5.5	5.0	3.7	7.3
121	A98-305	5.2	5.4	5.1	3.0	7.3
122	Sonoma	5.2	4.8	5.6	5.3	7.7
123	P-707	5.2	5.0	5.3	3.3	9.0
124	PST-1A3-459	5.2	4.6	5.8	5.0	7.7
125	A95-1048	5.2	4.8	5.5	5.0	8.0
126	Harmony	5.2	5.0	5.3	4.3	8.0
127	Rugby II	5.2	5.0	5.3	3.3	7.3
128	PST-102-45	5.1	4.7	5.6	5.0	6.7
129	PST-1A3-452	5.1	4.3	6.0	3.0	8.7
130	SRX 27832	5.1	4.8	5.5	6.0	7.7
131	NAK-3257	5.1	5.0	5.3	3.7	8.0
132	A04-32	5.1	5.4	4.9	3.7	7.3
133	A99-2758	5.1	5.0	5.2	4.3	7.7
134	PST-103-354	5.1	5.2	5.0	4.3	8.7
135	SR 2100	5.1	5.1	5.1	3.7	8.3
136	A99-2545	5.1	5.5	4.7	5.0	7.0
137	RSP	5.1	5.7	4.5	7.3	3.3
138	A99-325	5.1	5.2	5.0	5.7	5.7
139	Rampart	5.1	4.9	5.2	4.7	8.0
140	Total Eclipse	5.1	4.9	5.2	4.3	7.7

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
141	A99-2852	5.0	5.0	5.1	5.3	6.7
142	A98-689	5.0	5.0	5.0	4.7	7.3
143	Bravado	5.0	4.7	5.3	5.7	8.0
144	Moonlight SLT	5.0	4.9	5.1	3.0	8.0
145	H94-467	5.0	5.4	4.6	7.3	3.7
146	PST-103-68	5.0	5.1	4.8	3.7	6.7
147	High Noon	5.0	4.9	5.1	7.3	6.3
148	H97-108	5.0	4.9	5.0	7.0	8.0
149	A00-4135	5.0	4.7	5.2	3.3	8.0
150	A04-84	4.9	5.6	4.3	7.7	3.3
151	A99-2108	4.9	4.3	5.5	6.0	7.3
152	Bronco	4.9	5.0	4.8	5.7	7.7
153	SRX 26370	4.9	4.7	5.1	5.7	6.7
154	Eagleton	4.9	4.9	4.9	4.7	5.7
155	A00-62	4.9	5.1	4.6	6.7	8.0
156	PST-103-314	4.9	4.8	4.9	4.3	7.3
157	H97-545	4.9	5.2	4.5	7.3	6.7
158	PST-103-732	4.8	5.5	4.2	7.0	4.7
159	A04-73	4.8	5.4	4.3	7.3	5.7
160	A97-959	4.8	4.5	5.2	6.3	7.7
161	Cynthia	4.8	4.5	5.1	5.0	7.0
162	A98-999	4.8	4.1	5.4	6.7	7.7
163	Arrow	4.8	4.7	4.8	5.0	7.0
164	PST-103-360	4.8	3.9	5.6	4.0	8.3
165	Lakeshore	4.8	3.9	5.6	6.0	7.3
166	Blackberry	4.8	4.9	4.6	5.0	7.7
167	A04-14	4.7	5.1	4.4	9.0	4.0
168	A03-66	4.7	4.3	5.2	6.7	8.3
169	H99-1726	4.7	5.2	4.3	7.7	3.3
170	A04-15	4.7	5.2	4.2	9.0	4.7
171	PST-103-692	4.7	5.0	4.4	4.3	5.7
172	Argos	4.7	4.2	5.1	5.7	7.7
173	A00-8	4.7	5.4	3.9	7.7	3.0
174	PST-103-118	4.7	4.1	5.3	3.7	8.3
175	PST-1A3-94	4.7	5.1	4.2	7.3	3.3

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
176	3RAD-503J	4.7	4.9	4.4	5.0	5.0
177	H99-1733	4.7	5.0	4.3	7.0	3.7
178	PST-1A1-899	4.6	4.1	5.2	7.7	6.0
179	Brooklawn	4.6	4.2	5.1	6.0	8.0
180	2RAD-148J	4.6	4.8	4.5	6.3	7.0
181	A95-418	4.6	4.8	4.4	4.3	8.0
182	H01-492	4.6	5.0	4.2	7.0	2.7
183	MSP 3630	4.6	4.8	4.4	6.3	7.3
184	PST-103-737	4.6	5.1	4.1	4.0	5.0
185	H97-186	4.6	5.2	4.0	8.0	3.0
186	Diva	4.6	3.9	5.3	4.0	7.0
187	A04-48	4.6	5.0	4.1	5.3	6.0
188	PST-102-9	4.6	4.4	4.7	3.3	8.0
189	Champagne	4.6	4.4	4.7	7.3	7.0
190	A00-4083	4.6	4.1	5.0	3.3	8.0
191	AKB287	4.6	4.5	4.6	4.3	7.3
192	Brunswick	4.5	4.4	4.7	6.7	7.0
193	PST-102-339	4.5	3.9	5.1	6.3	7.3
194	PST-1A3-167	4.5	4.3	4.7	6.3	7.7
195	Blue-Rriffic	4.5	3.7	5.3	5.0	7.7
196	A97-1409	4.5	4.8	4.2	7.0	6.3
197	PST-103-265	4.5	4.4	4.5	5.3	7.0
198	North Star	4.5	3.9	5.0	3.0	8.3
199	A99-3110	4.5	4.7	4.3	4.7	7.7
200	H97-307	4.5	4.5	4.5	6.3	7.0
201	Dragon	4.5	4.2	4.7	6.3	5.3
202	Baron	4.5	4.2	4.8	3.7	7.3
203	A02-956 (TB x KB hybrid)	4.5	5.2	3.7	8.3	3.0
204	PST-103-363	4.4	4.3	4.6	4.3	7.3
205	A00-891	4.4	4.6	4.2	5.7	7.7
206	Pinot	4.4	4.0	4.8	3.0	8.3
207	A03-77	4.4	3.8	5.0	5.0	6.7
208	A03-63	4.4	4.4	4.4	4.7	6.3
209	Concerto	4.4	3.5	5.3	6.0	7.3
210	PST-103-609	4.4	4.4	4.3	6.7	4.7

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
211	A93-201	4.4	3.5	5.2	6.3	7.0
212	Eva	4.4	3.8	4.9	3.7	7.0
213	PST-102-158	4.3	4.1	4.6	5.3	7.7
214	PST-1A3-365	4.3	4.4	4.2	4.7	6.7
215	Bonaire	4.3	3.8	4.8	6.0	7.3
216	A99-2933	4.3	4.1	4.5	3.0	7.3
217	Full Moon	4.3	4.5	4.1	6.3	5.3
218	Moonshine	4.3	3.6	4.9	4.7	8.0
219	A02-947 (TB x KB hybrid)	4.3	4.9	3.7	6.3	7.0
220	A02-949 (TB x KB hybrid)	4.3	4.6	3.9	6.3	5.0
221	PST-103-762	4.2	3.8	4.6	3.3	7.7
222	PST-103-651	4.2	3.6	4.8	2.3	7.3
223	Blue Chip	4.2	3.9	4.5	4.3	7.3
224	MSP 3631	4.2	4.3	4.1	6.0	6.7
225	PST-103-117	4.2	3.7	4.7	4.3	6.7
226	Canon	4.2	3.8	4.6	5.0	6.7
227	Sonic	4.2	4.7	3.7	4.3	4.0
228	A98-233	4.2	4.2	4.1	5.3	6.0
229	PST-102-68	4.1	4.1	4.1	3.0	7.7
230	PST-102-307	4.1	4.3	3.9	5.3	5.0
231	PST-1A3-147	4.1	4.3	3.9	5.3	6.7
232	A01-845 (TB x KB hybrid)	4.1	4.3	3.9	7.0	6.3
233	Pioneer	4.1	3.3	4.8	6.3	6.7
234	Shamrock	4.0	3.6	4.4	6.7	7.3
235	PST-103-362	4.0	4.1	3.9	4.7	7.7
236	3RAD-515JM	4.0	3.9	4.1	4.3	7.3
237	Bonaire	4.0	3.6	4.3	7.0	8.0
238	Moon Beam	4.0	3.6	4.3	3.7	6.7
239	PST-102-13	3.9	3.1	4.7	4.0	8.0
240	NuBlue	3.9	4.0	3.8	7.0	6.3
241	PST-103-434	3.9	3.6	4.1	3.0	6.3
242	Fairfax	3.9	3.1	4.6	5.7	7.0
243	PST-1A3-159	3.8	4.2	3.4	5.7	5.3
244	PST-103-31	3.8	3.6	4.0	5.3	6.7
245	PST-103-273	3.7	3.8	3.6	5.7	6.7

(Continued)

Table 6 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.		
246	PST-1A3-71	3.7	3.2	4.3	4.7	6.3
247	PST-1A3-163	3.7	4.3	3.2	4.0	7.0
248	PST-103-435	3.7	3.5	3.9	4.3	6.3
249	PST-1A3-472	3.7	4.0	3.4	5.0	5.3
250	PST-101-362	3.7	3.5	4.0	3.3	6.7
251	PST-102-137	3.7	3.5	3.9	6.0	6.3
252	PST-1A3-56	3.7	3.3	4.0	5.0	8.0
253	PST-1A3-57	3.6	2.9	4.3	5.7	8.0
254	PST-1A3-675	3.6	3.4	3.8	5.7	5.7
255	3RAD-474J	3.6	3.4	3.8	5.7	4.0
256	PST-103-444	3.6	3.3	3.8	3.0	7.0
257	PST-1A3-12	3.6	2.8	4.3	4.0	6.3
258	PST-1A3-111	3.5	3.3	3.8	4.0	7.3
259	PST-102-297	3.5	3.1	3.9	5.0	5.3
260	PST-1A3-134	3.5	3.5	3.5	5.7	6.3
261	PST-1A3-343	3.5	2.9	4.1	3.3	6.7
262	PST-103-719	3.4	3.2	3.6	5.0	6.3
263	PST-1A3-54	3.4	2.9	3.9	5.3	7.0
264	PST-1A3-647	3.4	3.3	3.4	3.3	6.7
265	PST-103-433	3.3	3.5	3.1	5.7	4.0
266	PST-102-334	3.3	2.8	3.9	4.7	7.7
267	PST-1A3-187	3.3	3.0	3.6	5.0	6.7
268	NAK-3259	3.3	2.9	3.6	6.3	5.3
269	PST-1A3-156	3.3	3.0	3.6	4.7	7.3
270	PST-1A3-330	3.3	2.9	3.6	4.0	6.3
271	PST-1A3-137	3.2	2.3	4.1	3.7	7.0
272	NAK-3249	3.1	2.9	3.4	5.3	6.3
273	PST-1A3-84	3.0	2.8	3.1	5.3	7.3
274	PST-1A3-671	2.9	2.8	2.9	5.7	6.3
275	PST-103-662	2.8	2.7	2.9	4.7	6.7
276	PST-1A1-30	2.7	2.2	3.2	4.0	5.3
277	PST-102-239	2.6	3.5	1.7	5.3	6.0
278	PST-1A3-524	2.6	2.4	2.8	3.3	6.7
279	NAK-3268	2.5	2.3	2.8	4.3	6.7
280	PST-103-541	2.5	2.3	2.7	5.3	5.7
281	PST-1A3-72	2.5	2.2	2.7	4.0	6.3
282	Pp H8570	1.8	1.7	1.9	7.0	4.3

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006	Leaf Spot ³ May 2006
	2005-2006 Avg.	2005 Avg.	2006 Avg.		
LSD at 5% =	0.8	0.9	0.9	1.5	1.3

¹9 = best turf quality

²9 = earliest spring green-up

³9 = least disease

⁴Texas x Kentucky bluegrass hybrid

Table 7. Performance of Texas x Kentucky bluegrass hybrid cultivars and selections in a turf trial seeded in September 2004 at Adelphia, NJ.

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.	
1	Moon Shadow (Kentucky bluegrass ³)	7.0	7.6	6.4	2.3
2	Langara (Kentucky bluegrass)	6.3	6.9	5.7	2.7
3	Cabernet (Kentucky bluegrass)	6.1	6.4	5.8	4.3
4	A00TB-101	5.8	6.6	5.1	5.3
5	A02-943	5.6	5.7	5.4	4.3
6	A02-949	5.6	5.6	5.5	4.7
7	Princeton P-105 (Kentucky bluegrass)	5.6	6.2	4.9	1.3
8	A01-856	5.4	5.2	5.7	5.3
9	A03TB-252	5.4	5.3	5.5	5.0
10	A02-943	5.4	5.7	5.0	4.7
11	A01-856	5.4	5.0	5.7	5.0
12	A01-845	5.3	5.2	5.5	4.3
13	Midnight (Kentucky bluegrass)	5.3	5.3	5.2	1.7
14	A04TB-4	5.3	5.3	5.2	3.7
15	Fahrenheit 90	5.3	5.4	5.1	1.7
16	A04TB-33	5.2	5.1	5.2	8.0
17	A99LM-15	5.2	5.0	5.3	5.7
18	RSP (Kentucky bluegrass)	5.1	5.8	4.5	5.3
19	A02-956	5.1	5.1	5.1	8.0
20	Eagleton (Kentucky bluegrass)	5.0	5.8	4.2	4.7
21	Unique (Kentucky bluegrass)	5.0	5.7	4.2	2.3
22	A03TB-251	5.0	4.7	5.2	5.0
23	A02-284	4.9	4.7	5.1	7.7
24	A02-953	4.9	5.1	4.7	6.0
25	A04TB-8	4.9	4.8	4.9	8.0
26	A02-976	4.9	4.6	5.1	6.0
27	Spitfire	4.9	4.9	4.8	4.0
28	A04TB-7	4.8	4.3	5.4	6.3
29	Longhorn	4.8	4.8	4.8	6.5
30	A02-947	4.6	4.8	4.4	3.3
31	A99LM-18	4.5	4.8	4.3	3.7
32	A04TB-11	4.5	4.7	4.3	3.7
33	Brunswick (Kentucky bluegrass)	4.5	4.5	4.5	5.0
34	A01-852	4.5	4.5	4.5	2.3
35	A02-969	4.4	4.1	4.7	6.0

(Continued)

Table 7 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----			Spring Green-up ² April 2006
		2005-2006 Avg.	2005 Avg.	2006 Avg.	
36	A01-849	4.4	4.1	4.7	2.0
37	Blue Fusion	4.4	3.8	4.9	7.0
38	A04TB-3	4.3	4.1	4.4	4.7
39	A04TB-13	4.2	3.9	4.5	4.3
40	A01-900	4.2	4.1	4.3	4.7
41	A02-962	4.1	3.7	4.5	5.3
42	A03TB-246	3.8	3.3	4.3	6.3
43	A04TB-35	3.6	3.3	3.9	4.3
44	A02-975	3.3	3.0	3.5	6.0
LSD at 5% =		0.5	0.6	0.8	1.3

¹9 = best turf quality

²9 = earliest spring green-up

³Kentucky bluegrass standard

Table 8. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2005 at North Brunswick, NJ.

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
1	Moonlight	7.0	6.7
2	A99-523	6.9	8.3
3	A05-325	6.9	6.7
4	A05-334	6.9	7.7
5	A99-2238	6.9	6.0
6	A99-2377	6.8	7.0
7	A05-321	6.8	7.0
8	Unique	6.7	8.0
9	A94-677	6.7	7.0
10	H99-1569	6.7	7.0
11	A05-328	6.7	7.7
12	A05-347	6.6	6.0
13	Mystic	6.6	7.3
14	A01-349	6.6	5.0
15	PST-1304	6.6	7.3
16	A05-314	6.5	6.7
17	A05-336	6.5	7.3
18	A00-1395	6.5	6.7
19	A97-1303	6.4	8.7
20	A05-322	6.3	7.0
21	A05-333	6.3	7.0
22	A97-1560	6.2	8.3
23	A98-3320	6.2	4.7
24	A05-297	6.2	4.3
25	A05-323	6.2	4.0
26	Mystere	6.2	5.7
27	Diva	6.2	7.0
28	A99-269	6.2	6.3
29	A01-1106	6.1	8.0
30	A99-447	6.1	5.7
31	A03-67	6.1	6.7
32	A05-324	6.1	7.7
33	A05-335	6.1	7.0
34	A05-339	6.1	6.3
35	A98-3369	6.1	5.0

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
36	A96-1338	6.1	8.7
37	Midnight	6.1	8.7
38	A00-1193	6.1	5.0
39	A00-99	6.0	8.0
40	A99-2609	6.0	3.3
41	A01-583	6.0	7.3
42	Sonoma	6.0	7.3
43	A99-2031	6.0	6.7
44	A00-1262	6.0	6.3
45	Cabernet	6.0	5.7
46	A05-364	6.0	4.3
47	A03-66	5.9	5.0
48	A05-331	5.9	7.0
49	A05-346	5.9	6.3
50	A05-356	5.9	5.3
51	A00-1238	5.9	7.3
52	A99-2678	5.9	6.0
53	A01-1107	5.8	7.3
54	A96-308	5.8	4.7
55	A05-298	5.8	5.7
56	A99-2123	5.8	6.7
57	H99-1653	5.8	6.3
58	A05-299	5.8	5.7
59	A05-302	5.8	6.0
60	A99-2377	5.8	5.0
61	A99-2758	5.7	5.0
62	A05-341	5.7	4.3
63	A05-354	5.7	4.0
64	Serene	5.7	7.7
65	A05-295	5.7	7.0
66	A03-54	5.7	4.0
67	A05-343	5.7	2.7
68	A05-351	5.7	4.3
69	A03-162	5.6	7.7
70	A99-3122	5.6	4.0
71	A05-292	5.6	5.0
72	A05-300	5.6	4.3
73	A05-353	5.6	5.0
74	A05-360	5.6	6.0
75	A00-1002	5.6	5.0

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
76	A03-72	5.6	4.0
77	Bordeaux	5.6	6.3
78	A99-2998	5.5	5.7
79	A99-345	5.5	5.0
80	Huntington	5.5	7.0
81	Princeton P-105	5.5	4.7
82	A05-203	5.5	6.7
83	A05-204	5.5	5.3
84	Eagleton	5.5	8.0
85	A03-69	5.4	6.0
86	A05-326	5.4	5.0
87	A05-338	5.4	5.7
88	A99-2026	5.4	5.7
89	A03-50	5.4	6.3
90	A04-68	5.4	7.0
91	A05-345	5.4	6.0
92	Preakness	5.4	7.7
93	A99-2427	5.4	5.7
94	A05-352	5.4	3.0
95	A05-361	5.4	5.0
96	A05-306	5.3	6.7
97	A05-201	5.3	7.0
98	A05-309	5.3	5.7
99	A05-310	5.3	6.7
100	A04-71	5.3	5.7
101	A05-200	5.2	6.3
102	A05-303	5.2	6.0
103	A05-320	5.2	5.7
104	A05-349	5.2	5.0
105	A05-357	5.2	6.0
106	A03-38	5.2	4.0
107	A05-315	5.2	7.0
108	A05-319	5.2	7.0
109	A05-358	5.2	4.7
110	A04-51	5.1	6.3
111	A03-26	5.1	6.3
112	A05-344	5.1	5.3
113	A99-3110	5.1	4.7
114	A03-4	5.1	7.0
115	A05-293	5.1	6.7

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
116	A95-1048	5.0	7.7
117	A05-316	5.0	6.7
118	A99-3239	5.0	6.7
119	H99-334	5.0	8.7
120	A05-330	5.0	4.7
121	A05-340	5.0	6.7
122	A05-313	5.0	8.0
123	A05-355	5.0	5.0
124	Blackstone	5.0	8.3
125	Award	5.0	8.0
126	A05-327	4.9	5.0
127	A05-317	4.9	6.7
128	A05-342	4.9	4.0
129	A05-311	4.9	6.0
130	A05-362	4.9	7.0
131	A05-337	4.8	4.3
132	A98-3322	4.8	7.0
133	A96-454	4.7	6.3
134	A93-201	4.7	6.3
135	A05-304	4.7	6.3
136	A05-296	4.7	7.0
137	A05-307	4.7	7.3
138	A05-308	4.7	5.3
139	A05-312	4.7	5.7
140	A05-329	4.7	4.0
141	A05-359	4.6	6.3
142	H99-1778	4.6	4.3
143	P-104	4.6	6.3
144	H99-1772	4.6	5.7
145	A05-294	4.5	2.7
146	A05-350	4.5	3.7
147	A05-332	4.5	5.7
148	A05-318	4.5	7.3
149	A05-301	4.4	6.7
150	Champagne	4.4	7.3
151	A03-55	4.4	6.0
152	A05-291	4.4	3.7
153	A01-1789	4.1	7.7
154	Lioneer	3.9	3.7
155	A05-305	3.7	3.3

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
156	A05-348	2.7	2.3
157	A05-202	2.7	6.0
	LSD at 5% =	0.9	1.5

¹9 = best turf quality

²9 = best seedling establishment

Table 9. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2005 at Adelphia, NJ. (Includes all entries of the 2005 National Kentucky Bluegrass Test - NTEP.)

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
1	Emblem	7.3	80.0	3.3	8.7	6.7
2	Moonlight SLT	6.8	78.3	5.3	8.7	7.0
3	Everest	6.8	78.3	2.0	9.0	6.0
4	Arcadia	6.8	58.3	2.7	8.0	7.0
5	Impact	6.7	88.3	2.7	7.7	6.7
6	Prosperity	6.7	85.0	4.3	8.7	7.3
7	A03-50	6.7	63.3	3.7	8.0	6.3
8	J-2404	6.6	85.0	3.0	9.0	6.7
9	J-2399	6.6	96.3	2.3	8.3	6.7
10	Award	6.6	63.0	3.3	7.7	6.7
11	A05-297	6.6	55.0	5.3	7.7	6.7
12	Zinfandel	6.5	81.7	5.3	8.0	6.3
13	Beyond	6.5	75.0	3.3	7.0	6.7
14	Blueberry	6.5	58.3	5.3	8.7	6.7
15	J-2502	6.5	71.3	4.0	8.7	6.7
16	PST-1A2-409	6.5	38.3	6.0	8.7	6.7
17	J-2024	6.5	60.0	4.0	8.0	6.3
18	J-1334	6.4	80.0	2.7	7.3	6.3
19	PST-1A4-43	6.4	61.7	6.0	7.3	6.7
20	H94-292	6.4	65.0	4.7	8.7	7.0
21	Excursion	6.3	89.7	2.7	7.3	6.3
22	A00-1400	6.3	46.7	6.3	8.7	6.3
23	J-1466	6.3	88.3	2.3	8.3	6.3
24	A99-2758	6.3	61.7	3.7	7.7	6.3
25	Bd 03-159	6.3	78.3	5.0	8.3	5.3
26	Everglade	6.3	56.7	3.3	8.0	6.3
27	Moon Beam	6.3	40.0	6.7	8.3	6.7
28	Midnight II	6.3	63.3	3.0	8.7	7.0
29	A99-2328	6.3	33.3	5.0	9.0	7.0
30	Tsunami	6.3	53.3	2.7	8.7	6.0
31	A99-447	6.3	53.3	6.3	9.0	6.7
32	J-3429	6.2	85.0	2.7	8.0	6.7
33	NuDestiny	6.2	54.7	4.0	7.0	6.0
34	Quantum Leap	6.2	81.7	2.0	8.7	6.3
35	A04-71	6.2	50.0	4.0	5.7	5.7

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
36	Bewitched	6.1	65.0	5.0	8.3	5.7
37	Midnight	6.1	75.0	2.3	8.0	6.3
38	Barrister	6.1	65.0	3.3	7.3	6.0
39	A01-1106	6.1	78.3	5.0	8.3	5.7
40	A99-2031	6.1	73.3	5.7	8.7	7.0
41	GZ-385	6.1	53.3	5.7	8.3	6.0
42	Avid	6.0	51.7	5.7	8.7	5.7
43	NuGlade	6.0	75.0	2.7	7.3	6.0
44	GZ-387	6.0	60.0	5.3	8.0	6.7
45	Bd 03-84	5.9	86.3	4.0	7.7	5.3
46	J-2870	5.9	76.7	2.7	7.7	6.0
47	Shiraz	5.9	75.0	5.0	8.7	5.7
48	J-1326	5.9	66.7	3.3	8.3	6.0
49	PST-1A4-311	5.9	21.7	4.3	8.7	5.3
50	Liberator	5.9	75.0	2.3	8.3	6.0
51	A96-454	5.9	55.0	6.0	8.3	5.0
52	A03-4	5.9	61.7	4.7	7.0	5.0
53	A04-68	5.9	70.0	5.0	7.0	5.0
54	NA-3271	5.9	64.0	5.0	7.3	5.7
55	A99-2559	5.9	48.3	6.7	7.0	4.7
56	Rythum	5.9	55.0	4.3	7.7	6.3
57	PST-1A4-1103	5.9	30.0	4.7	7.7	4.7
58	A01-583	5.9	88.3	5.7	8.0	5.0
59	Bluestone	5.8	77.7	3.7	8.0	6.3
60	Mystere	5.8	71.7	5.7	6.7	5.0
61	A99-2377	5.8	35.0	5.7	8.0	6.3
62	A99-2123	5.8	75.0	4.3	7.7	6.0
63	A03-55	5.8	48.3	5.7	7.3	5.7
64	AKB449	5.7	30.7	5.7	7.0	4.3
65	PST-104-4	5.7	40.0	2.3	8.3	5.3
66	A05-324	5.7	80.0	5.3	8.7	6.3
67	SW AG 514	5.7	65.0	2.3	9.0	5.3
68	Skye	5.7	36.7	4.7	7.0	3.7
69	Diva	5.7	61.7	4.7	8.0	6.0
70	Bd 99-2103	5.7	76.7	5.0	7.0	6.0

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
71	RAD-636	5.7	33.3	6.7	7.7	7.0
72	RAD-WORG	5.7	41.7	5.7	7.0	6.0
73	PST-1304	5.7	70.0	6.0	7.7	5.7
74	A05-314	5.7	73.3	6.0	8.7	4.7
75	Argos	5.6	61.7	6.0	8.0	5.7
76	Bd 98-2108	5.6	83.3	4.7	7.3	5.7
77	Moonlight	5.6	60.0	5.7	9.0	5.7
78	Serene	5.6	70.0	5.7	8.7	5.0
79	A05-328	5.6	71.7	5.3	8.3	5.3
80	A05-361	5.6	53.3	4.7	8.0	4.7
81	NA-3257	5.5	46.7	6.3	6.3	6.0
82	PST-1A1-899	5.5	61.7	5.0	6.7	5.0
83	MSP 3723	5.5	73.3	5.3	8.0	5.3
84	Dynamo	5.5	58.3	4.3	8.3	4.7
85	SR 2284	5.5	70.0	7.3	8.3	5.0
86	A97-1409	5.5	63.3	6.7	8.3	6.3
87	A05-364	5.5	36.7	5.3	8.3	6.0
88	A97-1287	5.5	83.3	4.3	8.0	5.7
89	J-2791	5.5	61.7	5.7	8.3	5.0
90	A01-349	5.5	38.3	6.7	8.3	5.3
91	North Star	5.5	45.0	3.0	8.3	5.0
92	A99-3122	5.5	61.7	5.3	7.7	5.7
93	A99-2609	5.5	36.7	6.0	8.0	6.7
94	A99-2998	5.5	38.3	5.3	8.7	5.3
95	A00-1193	5.5	60.0	3.3	8.7	5.7
96	A00-1238	5.5	68.3	3.7	7.0	5.7
97	Princeton P-105	5.5	56.7	3.0	8.3	5.0
98	GZ-384	5.5	43.3	6.0	8.3	6.3
99	Rugby II	5.4	63.3	4.7	6.7	5.0
100	Washington	5.4	93.0	4.0	7.3	5.3
101	PST-109-1110	5.4	46.7	6.0	9.0	7.0
102	PST-104-241	5.4	13.3	2.7	7.7	5.3
103	A99-2026	5.4	70.0	4.7	8.7	5.7
104	A96-1338	5.4	71.7	4.7	6.7	4.3
105	A05-295	5.4	65.0	6.7	6.0	5.0

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
106	A05-341	5.4	36.7	6.0	8.0	6.7
107	A05-362	5.4	55.0	4.7	7.3	5.3
108	RAD-504	5.3	28.3	6.3	7.3	6.3
109	POPR 04594	5.3	93.0	4.3	6.0	5.3
110	A05-204	5.3	50.0	6.7	8.0	6.3
111	A95-1048	5.3	83.3	5.3	5.7	5.0
112	A03-66	5.3	53.3	6.3	7.0	6.0
113	PST-A00-99	5.3	73.3	5.0	8.3	5.7
114	A99-523	5.3	33.3	6.0	8.3	5.0
115	A03-72	5.3	43.3	6.0	8.7	6.3
116	A96-308	5.3	28.3	5.3	8.7	6.0
117	A04-51	5.3	68.3	2.7	6.7	6.0
118	A05-333	5.3	58.3	5.0	8.3	5.7
119	A05-335	5.3	63.3	6.7	7.7	5.7
120	A00-1262	5.3	70.0	6.0	7.3	4.7
121	PST-101-73	5.3	73.3	5.7	7.7	5.3
122	PST-1A3-1013	5.3	14.0	5.7	7.0	5.3
123	STR 2509	5.3	53.3	6.7	8.0	5.0
124	Kingfisher	5.3	53.3	7.3	8.0	4.7
125	A99-3110	5.3	41.7	5.3	8.7	5.7
126	A01-349	5.3	20.0	7.0	7.7	5.7
127	A98-3320	5.3	38.3	5.7	7.0	5.0
128	A05-330	5.3	75.0	5.3	8.7	5.3
129	A05-339	5.3	80.0	5.7	8.0	5.7
130	A05-354	5.3	35.0	6.7	7.3	6.3
131	A00-247	5.2	80.0	5.0	7.7	5.3
132	STR 2485	5.2	48.3	6.0	6.3	5.3
133	PST-102-360	5.2	28.3	4.0	8.0	4.7
134	RAD-179	5.2	16.7	6.0	8.0	6.0
135	Sonoma	5.2	85.0	4.0	8.7	5.0
136	A99-2337	5.2	35.0	5.7	7.3	6.7
137	A99-269	5.2	50.0	6.3	8.3	5.3
138	A03-37	5.2	53.3	6.7	6.7	4.0
139	A05-347	5.2	58.3	5.0	8.3	5.3
140	Unique	5.2	70.0	6.0	8.7	5.7

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
141	Starburst	5.1	75.0	6.7	6.3	4.7
142	Midnight Star	5.1	78.3	2.7	6.0	6.0
143	PST-1A4-1139	5.1	18.3	8.0	8.7	6.0
144	PST-104-3	5.1	50.0	5.0	8.0	5.0
145	A99-2545	5.1	23.3	6.3	8.7	4.3
146	A99-2717	5.1	56.7	5.3	8.7	6.3
147	RAD-503	5.1	73.3	2.7	7.3	6.0
148	A03-54	5.1	43.3	7.3	7.3	5.3
149	A05-325	5.1	60.0	5.7	8.0	6.0
150	A05-344	5.1	50.0	6.0	7.7	7.0
151	A00-1395	5.1	58.3	6.0	8.0	5.3
152	MSP 3724	5.1	65.0	5.3	8.0	4.3
153	A99-3119	5.1	55.0	5.7	7.3	5.3
154	NA-3248	5.1	33.3	6.3	7.0	5.0
155	PST-1A4-312	5.1	36.7	5.7	8.3	6.7
156	PST-102-327	5.1	15.7	6.7	8.0	5.0
157	STR 2278	5.1	51.7	6.3	7.7	5.7
158	RAD-510	5.1	40.0	3.0	7.7	5.0
159	MSP-3752	5.1	43.3	6.7	8.3	6.0
160	A99-2678	5.1	61.7	5.3	8.3	5.3
161	A99-2427	5.1	50.0	3.0	7.7	6.0
162	A05-331	5.1	81.7	5.3	8.3	6.0
163	A00-1254	5.0	73.3	5.7	7.0	4.7
164	America	5.0	86.3	4.7	8.0	5.3
165	Touche	5.0	41.7	6.3	6.7	5.3
166	A01-299	5.0	50.0	5.7	8.3	5.3
167	DP 76-9066	5.0	85.0	3.7	8.0	4.3
168	1QG-38	5.0	81.7	5.3	7.3	5.7
169	STR 2332	5.0	33.3	7.3	7.3	5.7
170	A05-292	5.0	20.0	4.0	5.3	5.0
171	A05-334	5.0	66.7	5.7	8.0	5.3
172	A05-360	5.0	61.7	5.7	7.0	4.0
173	STR 2553	4.9	83.3	4.7	7.7	5.3
174	Baron	4.9	88.3	3.3	7.3	4.3
175	PST-109-752	4.9	86.7	5.7	7.0	4.0

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
176	PSG 366	4.9	68.3	4.3	7.7	5.7
177	A00-52	4.9	45.0	5.3	7.0	4.7
178	A00-2882	4.9	63.3	4.3	6.0	5.3
179	MSP-3699	4.9	73.3	4.0	7.3	5.7
180	A95-410	4.9	48.3	3.3	8.0	4.7
181	Voyager II	4.9	78.3	5.0	7.3	5.3
182	PST-102-158	4.9	50.0	5.7	8.3	5.3
183	SR 2100	4.9	81.7	1.7	7.3	3.3
184	RAD-513	4.9	70.0	6.0	8.3	5.3
185	MSP-3700	4.9	83.3	5.3	7.3	5.3
186	A97-1560	4.9	65.0	5.3	7.7	5.3
187	Preakness	4.9	90.0	5.3	6.3	4.7
188	BAR VV 8536	4.8	51.7	5.0	7.7	4.3
189	Bd 95-1930	4.8	83.3	5.0	6.3	4.7
190	BAR VV 9634	4.8	61.7	7.3	6.7	4.3
191	MSP 3722	4.8	65.0	5.7	8.0	4.7
192	CPP 817	4.8	71.7	2.7	7.3	5.0
193	Denim	4.8	73.3	4.7	8.3	5.3
194	STR 2451	4.8	56.7	6.7	8.0	5.3
195	Cheetah	4.8	58.3	3.3	6.3	5.0
196	A03-79	4.8	70.0	5.0	8.0	6.3
197	Mystique	4.8	40.0	4.3	7.7	4.3
198	H98-701	4.7	51.7	6.0	8.0	4.7
199	CPP 822	4.7	36.7	7.0	7.3	4.7
200	PSG 711	4.7	83.0	4.7	7.7	5.3
201	Evora	4.7	70.0	2.0	7.7	5.0
202	RAD-512	4.7	30.0	4.3	6.7	4.7
203	RAD-511	4.7	36.7	3.3	7.7	4.3
204	Royce	4.7	76.7	5.3	8.0	5.3
205	A99-3239	4.7	30.0	5.7	6.3	4.3
206	A05-316	4.7	53.3	5.0	7.0	4.7
207	Rampart	4.7	81.7	4.0	7.3	4.0
208	A98-689	4.7	34.0	5.0	5.7	3.3
209	Glenmont	4.7	78.3	6.0	8.0	4.7
210	BAR VV 9630	4.7	46.7	7.7	6.7	4.7

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
211	Brilliant	4.7	76.7	4.7	8.7	4.7
212	PST-1A3-1015	4.7	38.3	7.0	9.0	6.7
213	PST-1A3-137	4.7	6.7	6.3	7.7	4.7
214	Cabernet	4.7	55.0	4.7	6.7	5.3
215	Bandera (TB x KB hybrid ⁵)	4.6	55.0	2.3	7.7	3.7
216	Bellissimo	4.6	75.0	5.0	7.3	4.7
217	RAD-762	4.6	45.0	5.7	7.3	5.3
218	Showcase	4.6	30.0	5.7	8.0	5.3
219	A00-2442	4.6	41.7	6.3	6.7	5.3
220	A05-200	4.6	56.7	5.3	7.0	5.0
221	A05-203	4.6	65.0	5.7	7.3	5.0
222	Bordeaux	4.6	66.7	5.0	8.0	5.7
223	A01-250	4.6	76.7	5.0	8.3	4.7
224	RAD-343	4.5	55.0	5.0	6.3	5.0
225	Shamrock	4.5	86.3	4.3	6.3	4.0
226	A98-948	4.5	68.3	4.3	7.0	4.3
227	PST-104-118	4.5	13.3	6.3	6.7	6.0
228	PST-102-983	4.5	35.0	6.3	7.7	5.3
229	Mystic	4.5	56.7	5.7	7.0	5.3
230	A93-201	4.5	55.0	4.3	6.3	4.3
231	BAR VV 0709	4.5	31.7	5.7	4.7	4.0
232	PST-1A4-394	4.5	18.3	6.3	5.3	4.3
233	PST-1A2-1440	4.5	22.3	7.3	8.0	5.7
234	STR 23064	4.5	23.3	6.7	7.7	4.7
235	STR 2109	4.5	20.0	4.3	8.0	4.3
236	RAD-458	4.5	8.0	5.3	7.3	4.7
237	A03-38	4.5	25.0	6.0	6.3	3.7
238	DLF 76-9075	4.4	38.3	5.3	8.3	4.7
239	Julia	4.4	86.3	5.0	7.3	3.7
240	PST-1A4-1033	4.4	18.3	5.0	6.7	4.0
241	High Noon	4.4	38.3	5.7	6.0	4.0
242	Blackstone	4.4	78.3	5.0	7.7	4.3
243	Eagleton	4.4	38.3	6.0	7.7	3.7
244	CPP 821	4.3	40.0	5.0	7.0	4.3
245	Harmonie	4.3	70.0	4.3	7.3	4.3

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
246	CP 76-9068	4.3	70.0	5.0	7.0	4.0
247	STR 23078	4.3	28.3	5.7	8.3	3.7
248	A97-1303	4.3	63.3	6.3	7.0	5.0
249	Huntington	4.3	58.3	5.3	6.7	4.0
250	RAD-OAN64	4.3	45.0	6.3	7.7	4.7
251	PST-1AP4-34	4.3	28.3	4.3	7.3	6.0
252	PST-1A3-1189	4.3	25.0	5.0	7.0	6.7
253	Livingston	4.3	48.3	5.7	5.7	5.0
254	H94-305	4.2	55.0	5.3	5.3	3.3
255	Bd 98-1358	4.2	86.7	4.3	6.7	4.3
256	PST-102-43	4.2	38.3	3.3	8.7	3.7
257	PST-102-324A	4.2	53.3	4.3	7.0	4.0
258	Arrow	4.2	60.0	5.3	7.7	5.3
259	Wild Horse	4.1	75.0	4.3	6.7	4.3
260	Opti-Green	4.1	51.7	3.3	7.3	4.0
261	PST-102-110	4.1	46.7	5.0	7.0	4.3
262	RAD-603	4.1	35.0	5.7	7.7	5.0
263	Champagne	4.1	63.3	4.0	7.0	3.7
264	BAR VV 0665	4.1	68.3	3.7	6.3	3.3
265	PST-102-688	4.1	22.3	6.0	8.3	5.7
266	PST-104-844	4.1	8.7	6.3	7.0	4.3
267	A05-201	4.1	45.0	5.0	5.3	4.3
268	Kenblue	4.0	84.7	3.0	4.0	3.3
269	PST-1A4-1036	4.0	15.0	2.3	7.7	4.7
270	PST-103-630	4.0	35.0	5.3	7.3	6.0
271	Moonshine	4.0	40.0	4.7	5.7	4.0
272	BAR VK 0710	3.9	31.7	4.7	7.3	4.0
273	A98-999	3.9	56.7	5.0	5.3	4.7
274	Pinot	3.9	36.7	6.3	7.7	5.7
275	Ulysses	3.9	55.0	4.3	7.7	4.0
276	A00-2469	3.9	18.3	5.3	6.0	4.7
277	Thorough-Blue	3.9	66.7	5.3	4.7	3.3
278	PST-1G4-66	3.9	33.3	5.7	7.3	4.3
279	PST-1A4-1102	3.9	12.3	6.0	7.3	5.0
280	PST-104-59	3.8	18.3	8.0	5.3	3.7

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
281	98-10 purple	3.8	43.3	4.0	3.3	3.0
282	RAD-344	3.8	51.7	6.3	8.0	5.0
283	PST-1A1-544	3.8	26.7	4.3	6.3	3.3
284	Bariris	3.7	66.7	6.0	6.7	4.0
285	PST-104-179	3.7	43.3	5.3	6.7	4.7
286	Arrowhead	3.7	25.7	5.7	7.0	5.7
287	PST-1A4-533	3.7	16.7	6.0	5.3	5.3
288	A00-107	3.7	36.7	6.3	5.0	4.0
289	98-16 yellow	3.7	58.3	4.0	6.0	3.7
290	RAD-622	3.7	11.7	5.3	6.3	5.3
291	NA-3259	3.6	43.3	4.7	7.0	4.7
292	SPTR 2959	3.6	45.0	4.0	5.0	4.3
293	98-21 blue	3.6	28.3	6.7	6.0	3.7
294	PST-102-354	3.5	41.7	4.0	8.3	4.7
295	SRX 20RF	3.5	46.7	3.7	6.7	3.7
296	A03-162	3.5	78.3	4.0	5.0	3.0
297	PST-102-692	3.5	6.0	6.7	7.3	6.0
298	RAD-515	3.5	20.0	6.3	8.3	4.0
299	PST-1GA-67	3.4	26.7	5.7	8.0	4.3
300	PST-102-690	3.4	20.7	4.7	8.0	6.0
301	PST-102-238	3.4	30.0	6.7	6.3	4.7
302	PST-1A94-21	3.4	25.0	6.3	6.7	5.0
303	PST-1A3-472	3.4	21.7	3.7	6.3	3.7
304	RAD-664	3.2	15.0	5.7	6.3	5.7
305	NA-3249	3.1	13.3	6.3	7.3	5.3
306	DP 76-9081	3.1	43.3	4.0	6.7	3.0
307	RAD-696	3.1	20.0	6.3	3.3	4.3
308	PST-1A3-1279	3.1	25.0	6.0	7.7	5.0
309	A05-202	3.1	50.0	4.7	3.3	4.3
310	RAD-656	3.1	11.7	5.0	5.0	6.0
311	Moonstruck	3.1	43.3	2.3	2.7	4.0
312	Reveille (TB x KB hybrid)	3.0	40.0	5.7	4.0	4.0
313	RAD-652	2.9	11.7	6.3	3.7	5.0
314	Blue Angel	2.9	61.7	3.7	2.7	4.3
315	PST-102-1013	2.9	3.0	5.7	7.3	3.7

(Continued)

Table 9 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Cover ² Oct. 2005 (%)	Winter Color ³ March 2006	Leaf Spot ⁴ May 2006	Color ³ Sept. 2006
316	PST-102-239	2.7	21.7	5.7	6.3	4.7
317	PST-1G4-65	2.7	23.3	5.0	6.7	4.3
318	PST-102-803	1.9	3.7	6.7	7.0	5.3
	LSD at 5% =	1.0	37.3	1.8	1.5	1.1

¹9 = best turf quality

²9 = best seedling establishment

³9 = dark green color

⁴9 = least disease

⁵Texas x Kentucky bluegrass hybrid

Table 10. Performance of Texas x Kentucky bluegrass hybrid cultivars and selections in a turf trial seeded in September 2005 at Adelphia, NJ.

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
1	A02-943	6.7	5.0
2	Midnight (Kentucky bluegrass ³)	6.4	8.3
3	A04TB-212	6.3	4.7
4	Langara (Kentucky bluegrass)	6.0	6.7
5	A03TB-390	6.0	6.3
6	A03TB-252	5.9	6.0
7	A03TB-417	5.8	5.3
8	A03TB-718	5.7	4.3
9	A03TB-589	5.6	6.7
10	A05TB-41	5.6	5.0
11	A03TB-668	5.6	3.7
12	A03TB-431	5.5	5.7
13	A03TB-383	5.5	5.0
14	A03TB-559	5.4	5.0
15	A03TB-568	5.4	6.3
16	A04TB-192	5.4	5.0
17	A02-975	5.4	6.0
18	A05TB-40	5.4	7.0
19	A05TB-46	5.3	4.3
20	A03TB-676	5.3	8.0
21	A03TB-708	5.3	6.3
22	A05TB-39	5.3	5.7
23	A03TB-788	5.2	4.3
24	Blue Fusion	5.1	6.3
25	RSP (Kentucky bluegrass)	5.1	7.7
26	A03TB-246	5.1	5.3
27	Unique (Kentucky bluegrass)	5.1	8.0
28	A05TB-47	5.0	6.3
29	A05TB-51	5.0	2.3
30	A03TB-795	4.9	4.7
31	A04TB-5	4.9	5.0
32	A03TB-490	4.9	3.3
33	A05TB-45	4.9	4.3
34	A03TB-286	4.9	2.7
35	A99LM-15	4.9	8.3

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality ¹ 2006 Avg.	Establishment ² Oct. 2005
36	A01-881	4.8	7.7
37	A05TB-43	4.8	5.7
38	A03TB-775	4.8	2.3
39	A05TB-50	4.8	6.3
40	A03TB-412	4.5	2.0
41	Eagleton (Kentucky bluegrass)	4.5	8.7
42	A05TB-49	4.3	2.0
43	A03TB-485	4.3	2.3
44	A05TB-42	4.2	5.7
45	A05TB-44	4.1	5.3
46	A05TB-48	3.9	4.3
47	A03TB-330	3.8	2.0
48	A03TB-361	3.4	2.7
49	Reveille	2.7	1.3
50	A05TB-38	2.6	2.0
	LSD at 5% =	0.8	1.4

¹9 = best turf quality

²9 = best seedling establishment

³Kentucky bluegrass standard

Table 11. Yearly nitrogen (N) applied and mowing height (Ht) on Kentucky and Texas bluegrass tests established at Adelphia and North Brunswick, NJ.

	2004		2005		2006	
	N ¹	Ht ²	N	Ht	N	Ht
Table 1 (2003 North Brunswick)	2.2	1.5	2.5	1.5	2.5	1.5
Table 2 (2003 Adelphia)	3.4	1.5	4.5	1.5	3.5	1.5
Table 3 (2003 Adelphia)	3.0	1.5	4.5	1.5	3.0	1.5
Table 4 (2003 Adelphia)	2.4	1.5	3.0	1.5	3.7	1.5
Table 5 (2004 North Brunswick)			4.1	1.5	2.3	1.5
Table 6 (2004 Adelphia)			5.0	1.5	3.7	1.5
Table 7 (2004 Adelphia)			4.7	1.5	3.7	1.5
Table 8 (2005 North Brunswick)					2.2	1.5
Table 9 (2005 Adelphia NTEP)					3.5	1.5
Table 10 (2005 Adelphia)					4.5	1.5

¹Annual N applied (lb/1000 ft²)

²Mowing height in inches



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