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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 2009 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 and well known cool-season turfgrasses in the northern United States and Canada. Kentucky bluegrass creates a high quality lawn and is now available in many different blend formulations. Kentucky bluegrass has a moderate growth pattern and spreads by underground stems called rhizomes. 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. Although the turfgrass does poorly in extremely shady areas, it has the ability to adapt to a wide range of soils and climates in areas with full sun to part shade. The grass will become dormant in hot, dry weather as well as during the cold winter months.

Kentucky bluegrass has become an increasingly popular species for use on sports turf where safety and playability are of utmost importance. Due to this demand, Kentucky bluegrasses have been tested throughout the country for tolerance to traffic and low mowing heights to determine which cultivars can tolerate current golf course fairway conditions. Since Kentucky bluegrass reproduces through an asexual process called apomixis, any improvement to cultivar performance is challenging. The advantage of apomixis is that it provides the opportunity to utilize hybrid vigor and produce true-to-type seed from superior plants generation after generation. Over the past several decades, more than 200 cultivars of Kentucky bluegrass have been released.

Texas bluegrass, native to Texas and parts of Oklahoma, is a dioecious species that is more tolerant of heat and drought stress than Kentucky bluegrass. The breeding strategy of crossing female Texas bluegrass plants with Kentucky bluegrass could expand the adaptation of Kentucky bluegrass into transition

zone areas where better heat and drought tolerance is needed. Turfgrass breeders continue to broaden the genetic base of Kentucky and Texas bluegrass by collecting grasses from around the world. This has led 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), sponsored by the USDA Beltsville Agricultural Research Center and the National Turfgrass Federation, Inc. This program coordinates nationwide testing of turfgrass cultivars and selections to determine performance across many environments where turfgrass can be grown.

PROCEDURES

Eight Kentucky bluegrass trials were seeded from 2005 to 2008. Four of the tests (Tables 1, 3, 5, and 7) were seeded at the Rutgers Plant Biology and Pathology Research and Extension Farm at Adelphia, NJ and four tests (Tables 2, 4, 6, and 8) were established at the Rutgers Horticultural Research Farm II in North Brunswick, NJ. The trials represented in Tables 1 to 5 and 7 were maintained as medium-high maintenance tests. The trial presented in Table 8 was intended to be maintained as a low maintenance test; it did, however, receive more nitrogen than other tests at the North Brunswick location to encourage the Kentucky bluegrass to crowd out the annual bluegrass (*Poa annua*) that had encroached during establishment.

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/1000 ft²). Each test was arranged in a randomized complete block design with three replications. Annual nitrogen applied and mowing heights for each trial are presented in Table 9. The amount of nitrogen applied varied between tests to encourage disease as well

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as assist in the recovery of some diseases and other stresses. No single nitrogen application exceeded 0.75 lb/1000 ft². All tests were mowed frequently to avoid scalping and the accumulation of clippings. Reel mowers were used to maintain a height of 1.5 inches on the trials represented in Tables 1 to 7. A rotary mower was used on the test in Table 8 at the height of 3 inches.

After establishment, annual weeds were controlled using a spring and summer application of Dimension and broadleaf weeds were controlled with a fall or spring application of 2,4-D, dicamba, or MCP. Merit was applied in August to control grubs on all tests presented. Depending on soil test results, soil pH was maintained between 6.0 and 6.5 with granular dolomitic limestone. Tests were irrigated during establishment and also when needed to avoid severe drought stress with the exception of the 2008 New Brunswick test in Table 8, which was not watered at all in 2009.

All tests were rated frequently throughout the growing season for turf quality. Turf quality includes color, brightness, leaf texture, density, uniformity, damage due to diseases and insects, and overall attractiveness of the plot. Other characteristics evaluated separately when differences became evident included spring green-up (Tables 1 and 8), establishment (Tables 7 and 8), color (Table 1), dollar spot (Tables 1, 3, and 5), summer patch (Tables 2, 4, and 6), both stem and crown rusts (Table 7), damage due to Tenacity herbicide (Table 7), and seed heads (Table 7). All ratings were based on a 1 to 9 scale, where 9 represented the most favorable turf quality or desirable turf characteristic. Ratings were conducted by a number of researchers throughout the season to reduce personal preferences toward particular traits.

RESULTS

Results are presented in Tables 1 through 8. Entries are ranked according to their overall (multi-year) quality average. As conditions permit, additional characteristics are observed in various tests and recorded when differences were most significant.

Establishment

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. Caution should be exercised when interpreting the seedling vigor and establishment data of a given cultivar. After-ripening dormancy in newly harvested seed can significantly affect stand establishment. Other characteristics that affect establishment and seedling vigor include age of the seed, storage conditions, and environmental conditions at the time of seeding.

Spring Green-up

This trait indicates the wide range of genetic diversity within Kentucky bluegrass. The data presented in Tables 1 and 8 shows that cultivars such as Argos, Eagleton, Juliet, Mystere, and Skye were actively growing in the end of April 2009. Cultivars that were typically late to green up include Everest, Everglade, Solar Eclipse, Midnight, and NuDestiny. Many of the cultivars and selections that are specifically adapted to New Jersey and the mid-Atlantic region, such as Cabernet, Eagleton, and RSP, 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 are more sensitive to these conditions and may green up earlier in the spring. Cultivars and selections that are adapted to higher latitudes need a more dramatic change in day length before spring growth is initiated.

Crown Rust

Crown rust (caused by the fungus *Puccinia coronata*) is a serious disease on some Kentucky bluegrass varieties. The symptoms of rust are small yellow or brown spots on leaves that enlarge and increase in number until entire leaves are affected. Masses of bright orange spores develop on the lesions. Affected leaves die slowly, giving the turf a yellow to brown appearance. Varieties such as Blue Note, Blueberry, and Bewitched as well as some promising experimentals showed excellent resistance to crown rust (Table 7).

Stem Rust

Stem rust (caused by the fungus *Puccinia graminis*) is also a severe disease of some Kentucky bluegrasses. At the onset of stem rust, the turf can often appear yellow. As the disease progresses a closer look at the turf shows prevailing symptoms as brick-red flecks on leaf and stem tissues. In July 2009, the 2008 Kentucky bluegrass test at Adelphia

(Table 7) experienced an epidemic of stem rust. Nitrogen was withheld from the test during that time to record differences in severity and recovery. Some Kentucky bluegrass cultivars and selections with good, consistent resistance to stem rust included A00-1400, Blue Note, Bewitched, and Freedom II as well as other promising experimentals.

Dollar Spot

Dollar spot (caused by the fungus *Sclerotinia homoeocarpa*) is another disease that is common in Kentucky bluegrass. The name dollar spot comes from the silver dollar-sized, light-tan or grayish spots that occur on bentgrass putting greens. However, in turfgrasses mowed at raised heights, dollar spot can be seen as 4- to 6-inch patches of straw colored turf. Affected areas may merge and become large as the disease spreads. Dollar spot can be severe when nitrogen fertilization is less than optimum. Dollar spot is usually evident during periods of warm days and cool nights that produce dew and high humidity in the turf canopy. Cobweb-like mycelium can be found growing on the grass blades. Results in Tables 1, 3, and 5 indicate that many of the newer Kentucky bluegrass varieties on the market today have very good resistance to this particular disease.

Summer Patch

Summer patch (caused by the fungus *Magnaporthe poae*) generally occurs between June and September. The disease begins as scattered small round patches of thin, wilted or slow growing turf. As the patches enlarge, they may join together and form pockets of yellow turf. The leaves and crowns of infected plants may appear to be dark brown as the dark mycelium of the fungus invades the tissue. The tests presented in Tables 2 and 6 indicate that varieties such as Cabernet, Prosperity, Diva, and Mystere as well as many experimentals show excellent resistance to this disease.

CLASSIFICATION OF KENTUCKY BLUEGRASSES

Compact Type

Cultivars within this group are characterized by a low, compact growth habit and very good to excellent resistance to leaf spot. Most cultivars form a highly attractive turf after green-up in late spring. In general, Compact Type cultivars have long winter dormancy

and a purple coloration can be observed on many during cold weather.

Compact-Midnight Type

Within the Compact Type, a number of cultivars exhibit growth and performance characteristics that are similar to the cultivar Midnight. In general, these cultivars have long winter dormancy and a purple and/or straw coloration during prolonged dormant periods. Members of this group typically green up late in the spring, are very dark green, and turf quality is good.

Compact-America Type

Within the Compact Type, a number of cultivars have growth and performance characteristics that are similar to the cultivar America. Compared to other Compact Type cultivars, these grasses have a finer leaf texture and higher density. Members of this group exhibit moderate winter dormancy, often accompanied by yellowing or bleaching of leaf tips.

Mid-Atlantic Type

This group of cultivars is typified by a vigorous turf of medium-high density with a deep and extensive system of roots and rhizomes. In general, grasses in this group are moderately susceptible to leaf spot, but due to the deep rhizome characteristic, recover well from damage due to this disease and other stresses. These cultivars are tolerant of summer stress and exhibit moderate to good winter performance.

High Density Type

This group of cultivars, formerly known as the Aggressive Type, was recently reclassified (Shortell et al., 2009). The two characteristics shared by members of this type are high shoot density and aggressive lateral growth (Bonos et al., 2000), which can hasten the development of a mature sod. High Density cultivars may dominate other species or cultivars when used in blends or mixtures, leading to rapid expression of the cultivar's strengths and weaknesses.

JuliaType

This group is typified by the performance characteristics of the cultivar Julia. Cultivars in this group tend to have good wear tolerance.

Shamrock Type

Cultivars within this type exhibit characteristics that are similar to the cultivar Shamrock. Although members of this group tend to exhibit moderate winter color and moderate resistance to leaf spot, they also have high seed yield potential.

BVMG Type (Baron, Victa, Merit, Gnome Type)

This widely used group of cultivars has very high seed yield potential and can generally produce medium to good quality turf when stripe smut is not present. These cultivars have medium-low growth, medium wide leaves, and produce a medium-dense turf. Reproductive stems are often visible in turf plots due to seed head formation in late spring.

Common Type

These cultivars and selections are frequently referred to as “common” Kentucky bluegrasses and are characterized by an erect growth habit and narrow leaf blades. The Common Type should not be confused with the term “variety-not stated” (or “VNS”) used on seed labels; unfortunately, the term “common” is often used to inaccurately describe VNS seed. These cultivars produce seed early and economically, exhibit good stress tolerance, and often survive summer drought in a dormant condition; unfortunately, poor turf quality and excessive purple coloration during winter is typical. Common Type cultivars are best adapted to high cutting heights in regions with cool nights, bright sun, and low humidity. They are also suited for low maintenance utility turf areas where soil stabilization and conservation are needed. Common type bluegrasses often show poor resistance to leaf spot disease.

Other Turf Types

This group of cultivars and selections possess traits that are intermediate between two or more of the previously discussed groups. Further study may permit reclassification of some of these cultivars into known groups or the separation of additional types.

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 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. One of the greatest challenges to date is the development of better adapted, high quality cultivars with high seed yields that are acceptable to commercial producers.

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Table 1. Performance of Kentucky bluegrass cultivars and selections in a turf trial established in September 2005 at Adelphia, NJ. (Includes all entries of the 2005 National Turfgrass Evaluation Program (NTEP) Kentucky Bluegrass Test.)

Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
1 Prosperity	6.6	6.7	6.9	6.6	6.3	4.7	7.3	8.3
2 Everest	6.5	6.8	5.8	6.9	6.6	2.0	7.7	7.7
3 Emblem	6.5	7.3	5.8	6.4	6.6	4.0	7.3	7.3
4 Solar Eclipse	6.5	6.6	6.1	6.8	6.5	2.0	8.3	7.0
5 Bd 03-84	6.5	5.9	6.4	7.0	6.6	7.7	8.0	6.0
6 Award	6.5	6.6	6.1	6.3	6.9	2.7	8.0	7.3
7 Impact	6.4	6.7	5.9	6.3	6.6	3.3	7.7	7.7
8 Hampton	6.3	6.3	5.8	6.4	6.7	5.7	8.0	8.0
9 Blueberry	6.3	6.5	6.4	6.4	5.8	4.7	8.0	8.0
10 NuChicago	6.3	6.3	5.9	6.7	6.2	2.0	8.7	8.0
11 GZ-387	6.3	6.0	6.7	6.3	6.1	4.7	8.3	8.0
12 Midnight II	6.2	6.3	5.9	6.3	6.5	2.0	8.3	8.0
13 A03-50	6.2	6.7	5.6	6.2	6.5	3.3	8.0	7.3
14 Alexa II	6.2	6.6	5.6	6.1	6.6	2.0	8.0	7.3
15 Ginney II	6.2	6.5	5.3	6.3	6.8	2.3	8.0	8.7
16 Arcadia	6.2	6.8	5.7	6.0	6.3	3.3	8.7	6.3
17 Everglade	6.2	6.3	5.8	6.5	6.0	1.7	8.0	6.7
18 A99-2031	6.1	6.1	6.2	6.4	5.8	7.7	6.3	8.0
19 A05-297	6.1	6.6	6.0	6.0	5.9	4.0	8.0	7.7
20 Tsunami	6.1	6.3	5.8	6.1	6.3	1.0	9.0	8.7

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(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
21	A99-2328	6.1	6.3	5.6	6.4	6.2	4.3	8.7	7.0
22	Quantam Leap	6.1	6.2	5.7	6.3	6.3	2.3	8.7	8.7
23	A00-1400	6.1	6.3	6.0	5.8	6.3	3.0	8.3	8.0
24	Midnight	6.1	6.1	5.6	6.3	6.4	1.3	7.7	6.3
25	NuDestiny	6.1	6.2	5.1	6.3	6.7	1.3	7.7	7.0
26	J-1334	6.1	6.4	5.7	6.0	6.2	2.7	8.0	7.3
27	PST-1A2-409	6.1	6.5	5.6	6.0	6.1	4.7	8.0	8.0
28	A01-1106	6.0	6.1	5.3	6.2	6.5	4.7	9.0	7.0
29	Rhythm	6.0	5.9	5.4	6.3	6.6	2.0	8.0	6.7
30	J-2502	6.0	6.5	5.2	6.2	6.2	2.0	8.7	8.3
31	Moon Beam	6.0	6.3	6.2	6.1	5.6	4.0	8.0	9.0
32	Granite	6.0	5.9	5.3	6.2	6.6	2.0	8.7	7.0
33	Sudden Impact	6.0	5.9	5.4	6.0	6.6	2.0	7.7	6.3
34	Skye	6.0	5.7	6.0	6.1	6.2	6.7	8.0	8.3
35	Zinfandel	6.0	6.5	5.7	5.9	5.8	2.3	8.0	8.7
36	PST-1A4-43	6.0	6.4	5.5	6.1	5.9	8.3	7.0	7.7
37	Shiraz	6.0	5.9	6.2	6.0	5.7	6.3	8.0	5.3
38	A05-314	5.9	5.7	5.8	5.6	6.6	6.3	8.7	6.3
39	GZ-385	5.9	6.1	5.9	5.7	6.0	4.3	8.0	7.7
40	PST-1A4-311	5.9	5.9	6.0	5.9	5.8	3.0	8.0	7.7
41	GZ-384	5.9	5.5	6.1	5.9	6.1	3.0	8.0	7.0
42	Bewitched	5.9	6.1	5.5	5.8	6.2	1.3	8.7	8.0
43	Diva	5.9	5.7	5.5	6.2	6.1	6.3	8.0	6.7
44	J-3429	5.9	6.2	5.7	6.0	5.7	3.3	8.3	9.0
45	Beyond	5.9	6.5	5.4	5.5	6.1	3.0	8.3	7.0

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
	46 Excursion	5.9	6.3	5.5	5.6	6.0	1.7	7.3	8.0
	47 Moonlight SLT	5.9	6.8	5.3	5.5	5.8	5.0	6.3	7.0
	48 H94-292	5.9	6.4	5.7	5.6	5.8	4.0	8.0	7.0
	49 A99-2123	5.8	5.8	6.3	5.8	5.5	6.0	7.3	7.3
	50 A99-447	5.8	6.3	5.5	5.4	6.2	3.0	8.7	8.0
	51 Blue Note	5.8	5.5	5.9	6.3	5.7	6.7	8.0	4.7
	52 Yankee	5.8	5.9	5.7	5.9	5.7	4.0	7.0	7.7
	53 Liberator	5.8	5.9	5.1	5.8	6.4	1.7	8.7	8.3
	54 NuGlade	5.8	6.0	5.5	5.7	6.0	2.0	7.7	7.3
52	55 PST-104-4	5.8	5.7	6.1	5.5	5.8	1.7	7.7	6.0
	56 Avid	5.7	6.0	5.6	5.7	5.6	2.0	8.0	6.0
	57 Barrister	5.7	6.1	5.2	5.9	5.8	2.7	8.0	6.7
	58 Serene	5.7	5.6	5.1	5.9	6.3	5.0	8.7	7.3
	59 STR 2485	5.7	5.2	5.8	6.1	5.8	7.3	7.3	5.0
	60 A95-1048	5.7	5.3	6.0	5.8	5.8	6.7	7.0	7.3
	61 Argos	5.7	5.6	5.9	5.7	5.6	7.0	8.0	5.7
	62 A05-295	5.7	5.4	5.7	5.7	6.0	7.3	7.3	6.3
	63 Bluestone	5.7	5.8	5.2	5.9	5.8	2.7	8.0	7.0
	64 A04-71	5.7	6.2	5.6	5.5	5.4	2.0	7.3	8.0
	65 A05-361	5.7	5.6	5.4	5.9	5.8	4.7	8.0	6.3
	66 A05-324	5.7	5.7	5.9	5.7	5.3	6.0	7.0	6.3
	67 Moonlight	5.7	5.6	5.7	5.7	5.6	2.7	8.7	8.0
	68 A01-583	5.7	5.9	5.2	5.6	5.9	5.7	8.0	6.7
	69 Kingfisher	5.6	5.3	5.9	5.3	6.1	5.3	9.0	7.7
	70 A96-454	5.6	5.9	5.8	5.3	5.5	5.3	8.0	8.0

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
	71 Bd 98-2108	5.6	5.6	5.7	5.7	5.6	5.0	7.7	6.3
	72 A99-2758	5.6	6.3	5.2	5.5	5.4	4.7	8.0	5.3
	73 Rhapsody	5.6	5.5	5.5	6.0	5.5	5.0	8.3	6.7
	74 A00-247	5.6	5.2	5.7	5.7	5.8	6.7	8.0	6.3
	75 4-Season	5.6	5.5	5.6	5.5	5.8	3.7	5.7	6.7
	76 A99-3122	5.6	5.5	5.8	5.7	5.4	4.0	7.3	7.0
	77 A99-2377	5.6	5.8	5.1	5.9	5.5	4.3	8.0	8.3
	78 A97-1304	5.6	5.7	5.4	5.7	5.6	6.0	7.7	5.0
	79 A00-1193	5.6	5.5	5.3	5.7	5.9	2.0	7.7	4.7
89	80 SR 2284	5.6	5.5	5.3	5.3	6.1	4.0	8.7	7.0
	81 P-105	5.6	5.5	5.5	5.6	5.7	1.7	7.7	6.7
	82 Gladstone	5.6	5.5	5.2	5.5	6.0	5.7	6.7	8.3
	83 Futurity	5.6	5.1	5.4	5.9	5.8	7.7	7.3	6.7
	84 Bd 99-2103	5.6	5.7	5.2	5.6	5.7	4.3	8.7	7.7
	85 PST-104-3	5.6	5.1	5.7	5.2	6.2	1.0	6.7	7.7
	86 MSP 3723	5.6	5.5	5.6	5.6	5.5	6.0	8.3	6.0
	87 Aura	5.5	5.9	5.7	5.3	5.3	6.0	7.3	5.3
	88 A99-2026	5.5	5.4	5.5	5.7	5.6	3.3	8.0	8.0
	89 Mystere	5.5	5.8	5.6	5.6	5.1	8.3	7.7	5.7
	90 POPR 04594	5.5	5.3	5.9	5.4	5.5	7.3	6.7	6.0
	91 A00-1238	5.5	5.5	5.7	5.6	5.2	5.0	8.0	6.3
	92 Sonoma	5.5	5.2	5.5	5.5	5.6	5.7	8.0	5.7
	93 A96-308	5.5	5.3	5.1	5.5	5.8	3.0	6.0	7.3
	94 Starburst	5.4	5.1	5.5	5.7	5.4	7.3	6.7	5.3
	95 STR 2278	5.4	5.1	5.3	5.7	5.7	5.7	7.7	6.0

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
	96 A04-68	5.4	5.9	5.4	5.7	4.8	6.3	7.3	6.0
	97 A03-4	5.4	5.9	5.4	5.4	5.0	5.0	8.3	5.3
	98 STR 2509	5.4	5.3	5.4	5.4	5.6	5.0	7.7	6.3
	99 A99-2717	5.4	5.1	5.5	5.7	5.3	6.3	7.7	6.7
	100 PST-1A1-899	5.4	5.5	5.3	5.4	5.4	8.7	6.0	5.3
	101 Jump Start	5.4	4.9	6.0	5.6	5.0	6.3	7.3	3.3
	102 A03-66	5.4	5.3	5.3	5.6	5.4	4.7	7.0	6.0
	103 A00-99	5.4	5.3	5.4	5.6	5.3	5.3	8.0	6.0
	104 PST-101-73	5.4	5.3	5.1	5.8	5.4	5.3	7.7	6.0
67	105 North Star	5.4	5.5	5.2	5.4	5.4	1.7	3.0	6.3
	106 A99-2609	5.4	5.5	4.8	5.5	5.7	6.0	7.3	7.7
	107 SW AG 514	5.4	5.7	5.3	4.9	5.6	2.0	2.0	7.0
	108 PSG 711	5.4	4.7	5.2	5.9	5.6	7.0	7.3	6.0
	109 A05-335	5.4	5.3	5.2	5.4	5.5	5.7	7.3	6.0
	110 A05-328	5.3	5.6	5.4	5.2	5.1	5.3	7.7	4.7
	111 A96-1338	5.3	5.4	5.3	5.2	5.3	5.7	7.7	6.0
	112 A05-315	5.3	4.9	5.4	5.5	5.5	6.7	7.0	6.0
	113 PST-109-1110	5.3	5.4	5.5	5.3	5.1	4.7	8.0	8.7
	114 PST-102-360	5.3	5.2	5.3	5.1	5.7	3.3	6.3	6.3
	115 PST-1A3-137	5.3	4.7	5.0	5.9	5.7	5.3	8.0	6.7
	116 MSP-3752	5.3	5.1	5.4	5.4	5.4	5.3	8.3	6.3
	117 A99-523	5.3	5.3	5.0	5.5	5.5	6.0	7.3	6.0
	118 A99-2998	5.3	5.5	5.0	5.5	5.3	3.0	7.3	7.7
	119 Touche	5.3	5.0	5.5	5.5	5.2	6.0	6.3	4.0
	120 AKB449	5.3	5.7	4.7	5.2	5.5	3.7	7.7	6.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
121	A00-2882	5.3	4.9	5.0	5.4	5.8	4.7	8.3	6.3
122	A99-269	5.3	5.2	5.3	5.5	5.2	6.3	8.0	6.0
123	A05-316	5.3	4.7	5.2	5.6	5.7	6.0	7.7	5.7
124	Washington	5.3	5.4	5.6	4.8	5.3	6.3	6.7	4.3
125	A00-1002	5.3	4.9	5.2	5.1	5.8	5.3	7.0	6.7
126	Rugby II	5.3	5.4	4.5	5.5	5.6	3.3	8.3	5.0
127	PST-1A4-1139	5.3	5.1	5.2	5.1	5.6	5.7	7.7	6.7
128	Juliet	5.3	4.8	5.3	5.4	5.5	7.3	7.7	5.3
129	A99-2545	5.3	5.1	4.9	5.4	5.5	5.3	8.0	7.0
130	H99-1653	5.3	4.9	5.4	5.4	5.3	7.3	8.0	6.0
131	A97-1560	5.2	4.9	5.2	5.5	5.5	6.3	8.0	5.0
132	1QG-38	5.2	5.0	5.2	5.4	5.3	6.0	8.0	6.0
133	STR 2451	5.2	4.8	5.2	5.5	5.4	6.7	7.7	7.0
134	A05-339	5.2	5.3	5.0	5.2	5.5	6.7	7.7	6.3
135	C-74	5.2	5.2	5.3	5.1	5.3	5.0	7.7	7.3
136	RAD-343	5.2	4.5	5.7	5.4	5.3	6.3	7.0	5.3
137	Glenmont	5.2	4.7	5.4	5.0	5.8	5.0	8.0	6.0
138	A98-974	5.2	4.5	5.0	5.7	5.7	6.7	7.3	5.3
139	PSG 366	5.2	4.9	5.3	5.4	5.2	5.0	7.0	6.0
140	Preakness	5.2	4.9	5.3	5.4	5.2	8.7	8.3	5.7
141	A05-331	5.2	5.1	5.5	5.3	4.9	5.0	8.0	6.0
142	A00-1262	5.2	5.3	5.1	5.1	5.3	4.7	8.0	6.7
143	Rubicon	5.2	5.1	4.9	5.4	5.4	7.0	5.7	5.7
144	PST-1A4-1103	5.2	5.9	4.4	5.0	5.4	3.0	5.3	6.0
145	A05-333	5.2	5.3	5.2	5.1	5.1	5.7	8.0	5.7

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
146	A05-354	5.2	5.3	4.7	5.6	5.1	1.7	8.7	8.0
147	A05-345	5.2	4.9	5.5	5.1	5.2	3.3	8.0	7.0
148	A05-360	5.2	5.0	5.1	5.6	5.1	4.3	8.0	5.3
149	A00-1254	5.2	5.0	5.0	5.3	5.4	3.7	6.7	7.7
150	MSP-3699	5.2	4.9	5.0	5.5	5.3	6.0	8.3	6.3
151	A05-321	5.2	4.8	5.3	5.4	5.2	3.3	7.7	5.7
152	A05-336	5.2	4.9	5.3	5.4	5.2	6.3	8.0	6.0
153	A05-362	5.2	5.4	5.0	4.8	5.5	4.7	7.7	7.3
154	America	5.2	5.0	5.0	5.5	5.1	4.7	6.7	6.0
155	H98-701	5.2	4.7	5.0	5.4	5.5	6.3	7.7	6.0
156	Dynamo	5.2	5.5	4.6	5.3	5.2	3.0	4.7	6.3
157	A05-322	5.2	4.9	5.4	5.3	5.1	4.7	8.0	7.0
158	A05-325	5.2	5.1	5.0	5.2	5.3	5.3	7.7	6.0
159	A05-334	5.2	5.0	4.9	5.3	5.4	4.7	8.0	5.3
160	PST-104-241	5.2	5.4	4.7	5.3	5.1	4.7	7.0	7.0
161	MSP 3724	5.1	5.1	5.1	5.2	5.2	8.0	8.0	6.3
162	A98-3369	5.1	4.7	4.6	5.6	5.7	4.3	7.7	5.7
163	A05-353	5.1	4.7	4.8	5.4	5.7	4.0	7.7	5.0
164	A01-250	5.1	4.6	5.0	5.5	5.5	5.0	7.3	6.7
165	A00-1395	5.1	5.1	5.4	5.1	4.9	4.7	8.0	6.0
166	RAD-504	5.1	5.3	4.6	5.3	5.2	6.7	7.7	7.3
167	Voyager II	5.1	4.9	5.2	5.2	5.2	6.0	7.3	6.0
168	A05-347	5.1	5.2	4.8	5.0	5.5	2.7	8.0	7.0
169	Blackstone	5.1	4.4	5.3	5.2	5.5	4.3	7.7	6.3
170	A99-2678	5.1	5.1	5.1	5.0	5.2	5.7	7.7	5.3

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
	171 A05-343	5.1	4.8	5.1	5.3	5.2	2.3	7.0	8.3
	172 DP 76-9066	5.1	5.0	4.7	5.1	5.6	3.0	6.7	6.0
	173 A99-2337	5.1	5.2	4.7	5.3	5.2	3.0	8.3	6.3
	174 A05-299	5.1	4.9	5.1	5.1	5.3	3.7	8.0	7.0
	175 A05-319	5.1	4.6	5.1	5.5	5.1	6.7	8.0	5.0
	176 A05-351	5.1	4.4	5.1	5.6	5.3	2.7	5.3	6.0
	177 GZ-386	5.1	4.7	5.2	5.1	5.3	4.0	7.3	7.3
	178 RAD-762	5.1	4.6	5.4	5.4	4.9	6.0	7.0	4.7
	179 Brilliant	5.1	4.7	5.3	5.3	5.1	5.0	7.7	5.3
70	180 Royce	5.1	4.7	5.0	5.4	5.2	5.3	7.3	5.7
	181 CPP 822	5.1	4.7	4.6	5.4	5.5	6.0	5.7	5.3
	182 A99-2427	5.1	5.1	5.0	4.9	5.3	3.0	8.0	7.3
	183 A98-3320	5.1	5.3	4.8	5.4	4.9	5.7	7.3	6.0
	184 A05-204	5.1	5.3	4.8	5.3	4.7	4.7	7.7	7.3
	185 Julia	5.1	4.4	5.1	5.2	5.5	6.3	7.0	5.7
	186 MSP-3700	5.1	4.9	4.9	5.3	5.1	5.3	8.0	6.0
	187 A05-364	5.1	5.5	5.1	5.0	4.6	4.3	6.7	7.0
	188 Empire	5.0	5.0	4.3	5.1	5.8	5.0	8.0	5.7
	189 Aries	5.0	4.5	5.1	5.4	5.1	6.3	7.0	4.7
	190 Wild Horse	5.0	4.1	5.0	5.8	5.2	6.7	8.3	4.3
	191 A05-311	5.0	4.6	5.2	5.1	5.2	5.3	5.7	6.0
	192 A05-312	5.0	4.5	5.2	5.2	5.1	7.3	8.0	6.7
	193 Mystique	5.0	4.8	5.2	5.3	4.7	5.3	7.7	4.0
	194 PST-1A4-394	5.0	4.5	5.2	5.0	5.2	5.0	8.0	4.7
	195 PST-104-844	5.0	4.1	4.9	5.4	5.6	3.7	7.7	7.0

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
196	STR 2553	5.0	4.9	5.0	5.1	4.9	5.3	7.3	6.3
197	PST-1A3-1013	5.0	5.3	5.0	4.6	5.1	4.0	4.3	5.0
198	A05-306	5.0	4.4	5.0	5.3	5.2	5.3	7.3	6.0
199	A05-309	5.0	4.6	5.1	5.3	4.9	4.7	6.7	5.7
200	STR 2332	5.0	5.0	4.7	5.1	5.0	6.7	7.3	7.0
201	Cabernet	5.0	4.7	5.0	5.5	4.8	5.0	7.3	4.0
202	A93-201	5.0	4.5	4.9	5.3	5.1	5.0	7.7	4.7
203	A05-356	5.0	4.9	4.8	5.4	4.8	5.3	8.0	5.3
204	Rampart	5.0	4.7	5.3	5.0	4.9	4.0	7.7	5.7
205	Showcase	5.0	4.6	4.7	5.3	5.2	6.0	7.7	6.3
206	STR 23064	4.9	4.5	4.7	5.5	5.1	5.0	7.7	8.0
207	A04-51	4.9	5.3	4.7	4.8	4.9	5.3	7.0	5.3
208	A03-55	4.9	5.8	5.0	4.6	4.4	3.7	7.0	6.3
209	A05-292	4.9	5.0	4.9	5.0	4.8	5.7	7.3	4.7
210	Midnight Star	4.9	5.1	4.6	5.0	5.0	5.0	7.0	5.3
211	Bordeaux	4.9	4.6	4.6	5.1	5.4	5.0	7.7	7.3
212	A05-296	4.9	4.6	5.1	5.2	4.8	6.7	8.0	5.7
213	Belissimo	4.9	4.6	5.0	4.8	5.2	5.3	8.3	6.0
214	Sombrero	4.9	4.3	4.9	4.9	5.4	4.0	5.3	5.0
215	RAD-OAN64	4.9	4.3	5.2	5.1	4.9	5.7	7.7	7.7
216	Greenteam	4.8	4.3	5.0	5.0	5.0	5.3	4.0	4.7
217	Moonshine	4.8	4.0	4.8	5.4	5.2	5.3	7.0	3.7
218	A03-38	4.8	4.5	5.0	4.9	5.0	6.3	8.3	7.0
219	PST-1A4-312	4.8	5.1	4.9	4.6	4.7	4.0	7.3	8.0
220	MSP 3722	4.8	4.8	4.6	5.0	4.9	3.7	8.0	6.0

(Continued)

Table 1 (continued).

Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
221A05-201	4.8	4.1	4.8	5.2	5.3	4.7	7.7	5.0
222 A05-310	4.8	4.1	4.8	5.2	5.2	5.7	6.7	5.7
223 SR 2100	4.8	4.9	5.0	4.6	4.7	3.3	7.7	5.3
224 Harmonie	4.8	4.3	4.5	5.1	5.3	3.7	4.0	5.3
225 PST-1A2-1440	4.8	4.5	4.9	5.1	4.7	4.7	6.7	6.0
226 A03-79	4.8	4.8	4.9	4.6	4.9	4.0	7.7	7.0
227 Shamrock	4.8	4.5	4.6	4.9	5.1	6.0	6.3	6.0
228 Gaelic	4.8	4.2	4.7	5.5	4.7	5.3	6.7	4.7
229 Ulysses	4.8	3.9	5.1	4.8	5.4	6.0	6.7	5.3
230 A97-1303	4.8	4.3	4.8	4.9	5.1	5.7	7.3	5.0
231 A03-72	4.8	5.3	4.5	4.5	4.8	3.3	7.7	8.3
232 STR 2109	4.8	4.5	5.1	5.0	4.5	3.3	5.0	2.0
233 A99-3110	4.8	5.3	4.7	4.8	4.4	4.0	8.0	8.7
234 A97-1409	4.8	5.5	5.1	4.6	3.8	4.3	7.3	5.3
235 A05-344	4.8	5.1	4.6	4.9	4.5	4.3	7.7	8.0
236 STR 23078	4.8	4.3	5.1	5.0	4.6	4.3	8.3	6.0
237 A00-2442	4.7	4.6	4.6	4.9	4.8	6.0	7.0	4.0
238 A98-689	4.7	4.7	4.4	4.8	5.0	5.3	6.7	5.0
239 Denim	4.7	4.8	4.7	5.0	4.3	3.7	7.0	5.7
240 Pinot	4.7	3.9	4.6	4.7	5.5	4.3	7.7	7.0
241 Cheetah	4.7	4.8	4.4	4.8	4.8	5.7	8.3	6.0
242 Volt	4.7	3.9	4.2	5.3	5.4	7.0	7.7	5.3
243 Arrow	4.7	4.2	4.6	4.6	5.3	5.3	7.0	5.7
244 Baron	4.7	4.9	4.9	4.6	4.3	4.0	6.0	2.0
245 SPTR 2959	4.7	3.6	4.4	5.3	5.3	5.3	7.3	6.3

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
	246 PST-102-327	4.7	5.1	4.6	4.8	4.2	3.0	6.3	5.0
	247 A05-341	4.7	5.4	4.4	4.3	4.5	2.0	7.0	8.3
	248 A05-323	4.7	4.5	4.4	4.9	4.7	3.7	7.0	6.7
	249 Ravel 1	4.6	4.8	4.4	4.6	4.7	4.3	7.3	5.0
	250 A00-52	4.6	4.9	4.8	4.9	4.0	6.3	7.3	3.3
	251 PST-102-43	4.6	4.2	4.6	4.9	4.8	2.7	8.0	6.0
	252 PST-102-324A	4.6	4.2	4.0	5.2	5.1	5.0	8.0	4.0
	253 PST-102-983	4.6	4.5	4.5	4.9	4.6	4.0	6.0	8.0
	254 PST-102-110	4.6	4.1	4.9	4.3	5.1	4.3	7.7	7.0
73	255 A95-410	4.6	4.9	4.3	4.6	4.7	4.7	7.7	5.3
	256 Barrari	4.6	4.8	4.2	4.8	4.6	5.3	7.3	5.3
	257 DLF 76-9075	4.6	4.4	4.6	4.8	4.5	6.0	7.3	4.0
	258 BAR VV 0709	4.6	4.5	4.4	4.9	4.4	6.0	7.7	3.0
	259 Arrowhead	4.6	3.7	4.2	5.0	5.4	6.0	6.7	6.0
	260 PST-102-688	4.6	4.1	3.9	5.0	5.3	3.0	6.3	8.7
	261 PST-104-118	4.5	4.5	4.5	4.8	4.3	5.3	7.0	6.3
	262 Bariris	4.5	3.7	4.6	4.9	4.8	5.3	6.0	5.7
	263 Barduke	4.5	4.8	4.1	4.8	4.2	4.3	6.0	4.3
	264 BAR VV 9630	4.5	4.7	4.3	4.5	4.4	4.0	7.0	4.3
	265 Opti-Green	4.5	4.1	4.6	4.5	4.6	2.7	4.3	4.0
	266 Champagne	4.5	4.1	4.1	4.8	4.9	6.3	7.3	4.3
	267 Eagleton	4.5	4.4	4.5	4.6	4.4	3.3	7.3	3.3
	268 A05-200	4.4	4.6	4.0	4.6	4.6	3.7	8.3	7.7
	269 PST-102-158	4.4	4.9	4.1	4.4	4.4	4.3	7.7	5.7
	270 High Noon	4.4	4.4	3.9	4.6	4.8	6.3	6.7	4.3

(Continued)

Table 1 (continued).

Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
271 PST-1G4-66	4.4	3.9	4.5	4.3	5.0	3.7	7.3	6.0
272 98-16 yellow	4.4	3.7	4.4	4.7	4.8	7.0	8.0	5.7
273 Livingston	4.4	4.3	4.5	4.6	4.1	6.0	7.3	3.0
274 PST-1A3-1015	4.4	4.7	4.1	4.3	4.4	3.7	7.0	6.7
275 H94-305	4.4	4.2	4.2	4.7	4.3	6.3	7.7	2.7
276 A05-332	4.4	4.8	4.7	3.9	4.0	2.7	6.7	7.0
277 Huntington	4.4	4.3	4.4	4.7	4.0	4.7	7.7	2.0
278 A05-203	4.3	4.6	3.9	4.2	4.7	4.7	7.7	6.0
279 A05-320	4.3	4.5	4.1	4.3	4.1	4.0	7.3	5.7
280 A05-330	4.3	5.3	4.4	3.3	4.1	2.0	7.7	6.0
281 Bandera	4.3	4.6	5.0	4.6	2.8	3.0	5.7	1.3
282 PST-1A4-1033	4.2	4.4	3.5	4.5	4.6	2.7	5.0	4.0
283 A05-358	4.2	4.4	4.1	4.2	4.2	5.7	6.7	6.3
284 A97-890	4.2	3.3	4.1	4.3	5.1	5.0	7.0	6.0
285 Corsair	4.2	3.1	3.5	4.6	5.4	5.0	7.7	6.0
286 Evora	4.1	4.7	3.8	4.1	3.8	3.7	6.0	6.0
287 PST-104-59	4.1	3.8	4.4	4.2	4.1	4.7	7.0	2.7
288 A00-2469	4.1	3.9	4.0	4.4	4.1	6.0	6.3	5.0
289 BAR VK 0710	4.1	3.9	4.3	4.1	4.1	4.7	5.3	4.3
290 PST-1GA-67	4.1	3.4	4.1	4.1	4.8	5.3	7.7	6.7
291 BAR VV 0665	4.1	4.1	3.3	4.1	4.8	4.7	6.7	2.3
292 PST-104-179	4.1	3.7	3.8	4.0	4.7	5.3	7.0	5.3
293 PST-1A4-1102	4.1	3.9	3.9	4.0	4.4	3.0	6.7	5.3
294 PST-1AP4-34	4.1	4.3	3.4	4.0	4.6	4.3	6.3	5.7
295 Aviator	4.0	3.6	3.7	4.2	4.7	4.0	7.0	5.3

(Continued)

Table 1 (continued).

	Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
296	PST-102-692	4.0	3.5	3.3	4.4	4.8	4.0	6.0	6.0
297	PST-1A4-1036	4.0	4.0	3.4	4.2	4.3	3.0	5.7	6.3
298	PST-102-354	3.9	3.5	4.0	3.8	4.3	2.3	7.0	7.0
299	PST-1A4-533	3.9	3.7	3.5	4.3	4.1	5.7	6.7	6.3
300	A05-329	3.9	4.0	3.9	3.4	4.2	3.3	7.7	5.3
301	PST-102-690	3.8	3.4	3.2	4.2	4.4	3.7	6.7	7.7
302	PST-1A3-1189	3.8	4.3	3.0	3.8	4.1	4.7	6.7	6.3
303	SRX 20RF	3.8	3.5	3.6	4.0	4.1	3.7	6.3	3.3
304	A00-107	3.8	3.7	3.6	3.9	3.8	4.0	6.0	5.3
75	305 A05-350	3.7	3.7	3.5	3.8	4.0	3.0	7.3	7.0
306	PST-102-238	3.7	3.4	3.2	4.0	4.3	5.0	6.7	6.0
307	PST-103-630	3.7	4.0	2.8	3.8	4.1	5.7	7.3	6.0
308	98-21 blue	3.7	3.6	3.7	3.7	3.7	6.3	6.7	2.3
309	H01-847	3.6	3.9	3.7	3.5	3.3	6.3	8.0	2.3
310	A03-162	3.6	3.5	3.7	3.6	3.5	8.0	7.7	2.7
311	Reveille	3.6	3.0	2.7	4.0	4.6	3.7	7.0	6.0
312	PST-1A3-472	3.5	3.4	3.4	3.9	3.4	2.0	5.0	3.0
313	PST-1A1-544	3.5	3.8	3.2	3.7	3.4	3.7	6.3	2.0
314	PST-1A3-1279	3.5	3.1	3.3	3.5	4.0	3.3	6.0	6.7
315	A05-202	3.4	3.1	3.1	3.5	4.0	4.0	7.0	7.0
316	PST-1A94-21	3.4	3.4	3.1	3.3	3.8	3.7	5.7	4.7
317	98-10 purple	3.4	3.8	3.4	3.2	3.0	7.3	8.3	1.0
318	PST-1G4-65	3.3	2.7	3.1	3.7	3.8	3.3	6.3	5.3
319	Mermaid	3.3	3.1	3.8	3.1	3.2	4.3	7.0	1.0
320	PST-102-1013	3.2	2.9	3.0	3.4	3.6	3.3	5.7	2.7

(Continued)

Table 1 (continued).

Cultivar or Selection	----- Turf Quality ¹ -----					Spring Green-up ² April 2009	Dollar Spot ³ Aug. 2009	Color ⁴ Oct. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.			
321 Kenblue	3.2	4.0	3.4	2.7	2.5	5.7	6.7	2.0
322 PST-102-239	3.2	2.7	2.8	3.3	3.9	3.7	6.0	5.3
323 Moon Struck	3.1	3.1	3.2	3.2	2.9	6.7	6.7	2.0
324 PST-102-803	3.0	1.9	2.3	4.0	3.9	5.0	6.0	6.3
325 Blue Angel	2.8	2.9	2.8	2.5	2.8	5.3	6.3	1.3
LSD at 5% =	0.6	1.0	0.8	0.7	0.6	2.2	1.5	1.9

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- ¹9 = best turf quality
- ²9 = earliest spring green-up
- ³9 = least disease
- ⁴9 = best green color

Table 2. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2005 at North Brunswick, NJ. (Includes all entries of the 2005 National Turfgrass Evaluation Program (NTEP) Kentucky Bluegrass Test.)

Cultivar or Selection	-----Turf Quality ¹ -----					Summer Patch ² Sept. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
1 Cabernet	6.5	6.0	6.7	7.0	6.3	8.0
2 A05-321	6.4	6.8	6.5	6.6	5.7	7.3
3 3590-6	6.2	6.5	6.4	6.3	5.7	7.3
4 A99-2238	6.2	6.9	6.7	5.9	5.4	7.7
5 A05-334	6.1	6.9	6.1	5.7	5.8	7.7
6 A00-1395	6.1	6.5	6.4	6.0	5.5	7.7
7 Mystere	6.1	6.2	5.9	6.6	5.6	7.7
8 Blue Note	6.1	6.6	6.0	6.2	5.5	7.0
9 H99-1569	6.1	6.7	6.4	5.7	5.6	8.7
10 A99-523	6.0	6.9	6.2	5.5	5.4	8.3
11 A05-325	6.0	6.9	6.3	5.5	5.3	7.3
12 Diva	6.0	6.2	5.9	6.0	5.9	7.7
13 Moonlight	6.0	7.0	6.9	5.2	5.0	7.0
14 A05-360	5.9	5.6	6.2	6.3	5.5	7.3
15 A05-314	5.9	6.5	6.2	5.9	5.1	5.3
16 A97-1304	5.9	6.6	6.2	5.3	5.4	7.7
17 Unique	5.9	6.7	6.3	5.3	5.1	7.0
18 A99-345	5.8	5.5	5.6	6.1	6.1	8.0
19 H99-1653	5.8	5.8	6.1	6.2	5.1	6.0
20 A04-68	5.8	5.4	6.1	6.3	5.3	6.7
21 A05-295	5.8	5.7	5.3	6.4	5.9	6.7
22 A05-335	5.8	6.1	6.2	5.7	5.2	6.7
23 A00-1238	5.8	5.9	5.4	5.8	6.0	8.0
24 A05-324	5.8	6.1	5.9	5.5	5.6	7.3
25 A05-333	5.8	6.3	5.8	5.6	5.3	7.3
26 Preakness	5.8	5.4	5.4	6.3	6.0	8.7
27 A99-269	5.8	6.2	5.7	5.6	5.6	7.3
28 A98-3320	5.7	6.2	5.2	6.3	5.2	6.0
29 A03-67	5.7	6.1	5.5	6.1	5.3	7.0
30 A99-2377	5.7	6.8	5.8	5.6	4.5	8.3
31 A03-162	5.7	5.6	5.8	5.6	5.8	8.7
32 A99-2728	5.7	6.6	6.1	4.9	5.1	7.3
33 A96-1338	5.7	6.1	5.9	6.2	4.6	5.3
34 A00-1193	5.7	6.1	5.8	5.5	5.5	8.0
35 A00-99	5.7	6.0	6.1	5.6	4.9	8.7

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Summer Patch ² Sept. 2009
		2006- 2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
36	A05-336	5.7	6.5	5.9	5.0	5.3	7.3
37	A00-1002	5.7	5.6	5.4	5.7	5.9	8.3
38	A00-1262	5.7	6.0	5.5	5.8	5.3	8.3
39	Huntington	5.7	5.5	5.7	6.0	5.4	7.0
40	Midnight	5.7	6.1	4.9	5.5	6.1	8.3
41	A97-1560	5.6	6.2	6.0	5.3	5.1	7.7
42	A01-1106	5.6	6.1	5.2	6.0	5.3	7.7
43	A05-356	5.6	5.9	5.4	6.4	4.9	7.7
44	A97-1303	5.6	6.4	6.0	5.2	4.9	7.3
45	A94-677	5.6	6.7	5.6	5.2	4.8	7.7
46	A05-323	5.6	6.2	5.8	5.4	4.9	7.7
47	A99-2758	5.6	5.7	5.5	5.7	5.3	8.7
48	A05-322	5.6	6.3	5.6	4.9	5.5	7.3
49	Eagleton	5.6	5.5	5.6	5.6	5.7	8.0
50	A99-2678	5.6	5.9	5.9	5.2	5.3	7.3
51	A05-297	5.5	6.2	5.7	5.4	4.8	7.0
52	A05-339	5.5	6.1	5.7	5.2	5.0	7.0
53	A98-3369	5.5	6.1	4.9	6.0	4.9	5.7
54	Serene	5.5	5.8	5.3	5.5	5.1	6.7
55	A99-447	5.5	6.1	5.4	4.9	5.4	8.0
56	A05-328	5.5	6.7	5.9	4.6	4.7	6.0
57	Sonoma	5.5	6.0	4.9	5.6	5.3	8.0
58	A96-308	5.4	5.8	5.3	5.4	5.2	8.0
59	A99-2026	5.4	5.4	5.9	5.6	4.8	7.3
60	A99-2998	5.4	5.5	5.9	4.8	5.3	7.3
61	A05-351	5.4	5.7	5.2	5.4	5.6	7.3
62	A05-361	5.4	5.4	5.2	5.6	5.5	8.0
63	P-105	5.4	5.5	5.0	5.3	5.8	8.0
64	Serene	5.4	5.7	4.8	5.1	6.1	8.7
65	H99-334	5.4	5.0	5.2	5.5	5.8	8.3
66	A05-347	5.3	6.6	5.2	4.6	4.8	7.7
67	A05-353	5.3	5.6	4.9	5.5	5.3	7.3
68	A05-331	5.3	5.9	5.8	4.8	4.8	7.7
69	A01-583	5.3	6.0	4.9	5.4	4.8	7.3
70	A99-2609	5.3	6.0	5.6	4.7	4.8	8.3

(Continued)

Table 2 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Summer Patch ² Sept. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
71 A03-26	5.3	5.1	5.4	5.2	5.3	8.3
72 A05-292	5.3	5.6	4.6	5.8	5.1	7.7
73 A05-201	5.2	5.3	4.9	5.8	4.9	5.7
74 A03-66	5.2	5.9	5.5	5.2	4.1	6.3
75 A99-2123	5.2	5.8	5.1	5.2	4.7	6.7
76 A03-50	5.2	5.4	4.7	5.0	5.7	7.7
77 A03-69	5.2	5.4	5.3	4.9	5.2	7.7
78 A95-1048	5.2	5.0	5.2	5.3	5.0	6.3
79 A05-315	5.2	5.2	5.2	5.7	4.7	4.7
80 A05-354	5.2	5.7	5.6	4.8	4.5	7.3
81 A03-54	5.1	5.7	5.4	5.2	4.3	6.0
82 A04-71	5.1	5.3	5.0	5.0	5.1	5.7
83 A05-309	5.1	5.3	5.1	5.2	5.0	4.7
84 A05-310	5.1	5.3	5.0	5.7	4.5	4.7
85 A98-3322	5.1	4.8	4.8	5.8	5.1	6.3
86 A03-4	5.1	5.1	4.7	5.3	5.3	7.7
87 H99-1778	5.1	4.6	4.7	5.3	5.6	8.0
88 A99-2031	5.0	6.0	4.8	4.7	4.6	6.3
89 Blackstone	5.0	5.0	4.2	5.3	5.5	7.7
90 A99-3122	5.0	5.6	4.6	5.3	4.6	6.0
91 A04-51	5.0	5.1	5.0	5.3	4.7	4.7
92 A05-299	5.0	5.8	5.8	4.6	3.9	7.0
93 A05-341	5.0	5.7	4.9	4.7	4.5	6.3
94 A05-342	5.0	4.9	4.7	5.5	4.8	8.0
95 A03-38	4.9	5.2	4.9	4.9	4.7	7.7
96 A05-296	4.9	4.7	4.6	5.6	4.8	7.3
97 A05-316	4.9	5.0	4.6	5.3	4.7	5.0
98 A05-319	4.9	5.2	4.6	5.5	4.7	5.3
99 A05-359	4.9	4.6	5.0	5.4	4.7	6.0
100 A05-338	4.9	5.4	4.5	5.2	4.3	5.3
101 H99-1772	4.9	4.6	4.4	5.2	5.4	8.3
102 A05-293	4.9	5.1	4.5	4.9	4.7	5.0
103 A05-298	4.9	5.8	4.9	4.5	4.1	8.0
104 A99-2427	4.8	5.4	4.7	4.5	4.7	7.3
105 A05-345	4.8	5.4	5.1	4.2	4.5	5.3

(Continued)

Table 2 (continued).

	Cultivar or Selection	-----Turf Quality ¹ -----					Summer Patch ² Sept. 2009
		2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
106	A05-362	4.8	4.9	5.4	5.1	3.9	4.7
107	Bordeaux	4.8	5.6	4.4	4.8	4.6	6.3
108	A05-302	4.8	5.8	4.4	5.0	4.1	5.0
109	A05-312	4.8	4.7	4.3	5.3	4.9	6.0
110	A99-3239	4.8	5.0	4.8	5.2	4.1	4.0
111	A05-300	4.8	5.6	4.2	5.2	4.0	7.0
112	A05-303	4.8	5.2	4.4	4.8	4.6	6.0
113	A05-304	4.8	4.7	4.4	5.5	4.4	4.7
114	A05-318	4.8	4.5	4.7	5.6	4.2	4.7
115	A05-294	4.7	4.5	4.4	5.2	4.8	6.0
116	A05-358	4.7	5.2	5.1	4.7	3.9	6.3
117	A05-364	4.7	6.0	4.5	4.5	3.9	4.7
118	A01-1789	4.7	4.1	4.8	5.3	4.8	7.3
119	Champagne	4.7	4.4	4.5	5.5	4.5	5.7
120	A05-203	4.7	5.5	5.0	4.4	3.9	7.7
121	A93-201	4.7	4.7	3.9	5.3	4.7	6.0
122	A05-306	4.6	5.3	4.2	5.0	4.1	4.0
123	A05-311	4.6	4.9	4.2	5.1	4.4	4.7
124	A05-343	4.6	5.7	4.4	4.3	4.1	3.3
125	A05-352	4.6	5.4	4.1	4.1	4.9	6.7
126	A05-355	4.6	5.0	4.9	4.8	3.7	4.0
127	A05-357	4.6	5.2	3.9	4.2	5.1	8.0
128	A99-2377	4.6	5.8	4.3	4.3	4.1	8.3
129	A05-320	4.6	5.2	4.4	4.6	4.1	5.7
130	A05-200	4.5	5.2	4.5	4.1	4.3	6.7
131	A03-72	4.5	5.6	4.0	4.6	4.1	7.3
132	A05-317	4.5	4.9	4.2	5.0	4.1	5.3
133	A05-326	4.5	5.4	4.6	4.2	3.9	7.3
134	A05-346	4.5	5.9	4.0	3.9	4.3	7.7
135	A05-349	4.5	5.2	4.5	4.6	3.9	5.0
136	Award	4.5	5.0	3.9	4.2	4.9	6.7
137	A05-308	4.5	4.7	4.2	4.5	4.4	5.0
138	A05-204	4.4	5.5	4.2	4.2	3.9	6.7
139	A05-307	4.4	4.7	4.0	4.7	4.1	4.7
140	A05-340	4.4	5.0	4.0	4.8	3.7	4.3

(Continued)

Table 2 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----					Summer Patch ² Sept. 2009
	2006-2009 Avg.	2006 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
141 A05-301	4.3	4.4	3.9	4.6	4.4	6.3
142 A96-454	4.2	4.7	4.1	4.0	4.1	5.7
143 A05-327	4.2	4.9	4.3	3.9	3.9	7.3
144 A05-330	4.2	5.0	4.5	4.2	3.3	5.3
145 A05-344	4.2	5.1	4.0	4.1	3.7	5.0
146 A05-313	4.2	5.0	3.9	4.4	3.7	4.7
147 A97-890	4.2	3.9	3.3	4.8	4.7	5.0
148 A99-3110	4.1	5.1	3.9	3.8	3.8	7.0
149 A05-332	4.0	4.5	3.9	3.7	3.7	5.3
150 A05-350	3.9	4.5	3.3	3.9	3.6	6.3
151 A03-55	3.7	4.4	3.3	3.9	3.3	4.3
152 A05-329	3.7	4.7	3.7	3.7	2.9	5.7
153 A05-337	3.7	4.8	3.4	3.6	3.1	4.3
154 P-104	3.6	4.6	2.7	3.4	3.9	3.7
155 A05-305	3.6	3.7	3.2	3.5	3.9	6.0
156 A05-291	3.5	4.4	2.5	3.6	3.4	6.0
157 A05-348	3.0	2.7	2.4	3.3	3.7	4.7
158 A05-202	2.7	2.7	1.9	3.1	3.1	4.7
LSD at 5% =	0.6	0.9	1.0	0.9	0.8	2.2

¹9 = best turf quality²9 = least disease

Table 3. Performance of Kentucky bluegrass hybrid cultivars and selections in a turf trial seeded in September 2006 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
1 PST-104-133	6.2	6.5	5.9	6.4	8.3
2 Bewitched	6.0	6.6	5.5	6.0	8.0
3 PST-1A2-409	5.9	7.0	5.4	5.4	8.0
4 PST-103-585	5.8	6.6	5.6	5.2	8.3
5 A00-1193	5.7	6.2	5.2	5.9	5.7
6 A03-3590-6	5.7	6.0	5.1	5.8	6.3
7 A03TB-795	5.6	6.0	5.5	5.4	8.3
8 Blue-Riffic	5.6	6.2	4.7	5.9	6.3
9 A06-6	5.6	5.4	5.8	5.6	8.0
10 A03-3606-8	5.6	5.9	5.3	5.6	7.3
11 A05-366	5.6	5.7	5.2	5.9	7.7
12 A99-2031	5.6	6.1	4.7	5.9	5.7
13 A03-1	5.6	5.8	5.2	5.8	8.7
14 A04-68	5.6	6.5	5.0	5.2	8.3
15 Yankee	5.6	6.0	5.4	5.4	6.0
16 A06-26	5.6	5.8	5.4	5.4	7.0
17 A05-362	5.5	5.6	5.9	5.2	7.0
18 A01-1106	5.5	5.6	5.1	5.9	7.7
19 A06-33	5.5	5.8	5.4	5.3	8.0
20 A99-2123	5.5	5.4	5.2	5.9	8.0
21 A04-71	5.5	5.5	5.5	5.6	7.3
22 PST-102S-117	5.5	6.0	4.8	5.7	7.3
23 A06-2	5.5	5.8	5.1	5.6	8.3
24 PST-102-45	5.5	5.5	5.2	5.7	8.0
25 A06-24	5.5	5.9	4.9	5.6	8.0
26 A99-2026	5.5	5.7	5.2	5.5	7.0
27 A06-8	5.5	5.7	5.2	5.4	6.7
28 A06-84	5.5	5.8	5.3	5.2	8.0
29 A06-19	5.4	6.0	4.7	5.6	8.3
30 A05-367	5.4	5.7	5.1	5.4	6.0
31 Arcadia	5.4	5.9	4.9	5.4	7.7
32 A06-28	5.4	5.6	5.1	5.5	8.0
33 P-707	5.4	5.9	5.1	5.3	5.7
34 Aura	5.4	6.0	5.0	5.3	8.3
35 A05-331	5.4	5.0	5.6	5.7	8.7

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
36 Rhythm	5.4	6.0	4.4	5.8	8.3
37 A97-1686	5.4	6.2	4.5	5.5	7.7
38 A03-51	5.4	6.1	5.0	5.1	8.0
39 A99-2758	5.4	6.0	4.8	5.4	7.0
40 RAD-504	5.4	6.0	5.1	5.0	7.0
41 H01-697	5.4	5.9	5.0	5.2	7.3
42 A05-373	5.4	5.7	5.0	5.5	6.7
43 STR 235	5.4	5.9	4.9	5.3	5.7
44 A06-23	5.3	5.3	5.5	5.2	8.3
45 PST-102-862	5.3	5.5	5.2	5.3	6.0
46 Mystere	5.3	5.8	5.1	5.1	9.0
47 A05-354	5.3	5.8	4.9	5.3	8.7
48 A99-523	5.3	5.0	5.2	5.7	9.0
49 A03-4	5.3	5.9	5.1	4.9	6.7
50 Moonlight SLT	5.3	5.8	5.0	5.1	5.3
51 A03-34	5.3	5.2	5.4	5.3	7.7
52 H01-700	5.3	5.4	5.1	5.3	8.0
53 A01-349	5.3	5.8	4.3	5.7	8.7
54 A06-47	5.3	5.0	5.3	5.5	7.7
55 A03TB-677	5.3	5.4	5.2	5.2	7.7
56 A03-3597-1	5.3	5.4	5.2	5.2	6.7
57 Royale	5.3	5.1	5.3	5.4	8.3
58 A03TB-422	5.2	5.8	4.7	5.2	7.7
59 A06-11	5.2	5.1	5.3	5.4	8.7
60 A04-69	5.2	5.9	4.9	4.9	7.0
61 A05-347	5.2	5.7	4.8	5.2	9.0
62 Moonlight	5.2	5.3	5.1	5.3	8.3
63 Quantum Leap	5.2	5.8	4.8	5.1	8.0
64 A04-1272	5.2	6.1	4.5	5.1	5.7
65 Arrow	5.2	4.9	5.6	5.2	9.0
66 A99-2377	5.2	5.4	5.0	5.3	7.3
67 PP 028402	5.2	5.5	4.8	5.4	7.3
68 A05-351	5.2	5.5	4.4	5.7	8.0
69 RAD-513	5.2	5.3	5.1	5.2	8.3
70 Blue-Tastic	5.2	5.4	4.9	5.3	8.3

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
71 A00-3037	5.2	5.3	5.3	4.9	5.3
72 A04-1473	5.2	5.7	5.2	4.7	4.7
73 A05-295	5.2	5.3	4.5	5.8	8.3
74 A01-349	5.2	5.3	5.1	5.2	8.7
75 A03TB-676	5.2	5.3	4.9	5.3	8.7
76 A98-3369	5.2	5.1	5.0	5.4	5.0
77 PST-109-752	5.2	5.5	5.1	4.9	5.0
78 A06-46	5.2	5.3	4.4	5.7	6.7
79 H01-938	5.2	4.9	5.5	5.0	7.0
80 Diva	5.2	5.2	4.9	5.4	8.3
81 1QG-38	5.2	4.9	5.7	4.8	7.0
82 A06-17	5.1	4.9	5.2	5.3	8.3
83 A95-1048	5.1	5.2	4.5	5.7	8.7
84 PST-102-983	5.1	5.2	4.7	5.5	8.0
85 STR 2324	5.1	5.0	5.2	5.2	8.3
86 RAD-630	5.1	5.4	5.1	4.9	8.0
87 A05-333	5.1	5.4	4.9	5.0	8.7
88 A06-7	5.1	4.9	5.0	5.4	7.0
89 A00-3030	5.1	5.9	4.4	4.9	5.3
90 Midnight	5.1	5.8	4.4	5.1	7.7
91 RAD-631	5.1	5.9	4.8	4.6	5.7
92 A05-322	5.1	5.2	5.0	5.1	8.3
93 A06-20	5.1	5.2	5.1	5.0	8.0
94 A03TB-252	5.1	4.7	5.3	5.2	8.0
95 STR 2485	5.1	5.5	4.9	4.8	7.7
96 A06-27	5.1	4.9	4.5	5.8	8.3
97 A99-3119-2	5.1	4.8	5.2	5.3	8.0
98 A03-37	5.1	5.2	5.3	4.7	8.7
99 Midnight II	5.1	5.7	4.4	5.1	8.3
100 Bluestone	5.1	5.5	4.3	5.4	8.3
101 A94MH-94	5.0	5.0	4.9	5.2	7.3
102 Royce	5.0	5.0	4.9	5.3	8.7
103 PST-103-87	5.0	5.7	4.4	5.0	4.3
104 A98-3366	5.0	5.6	4.6	4.9	3.0
105 A05-334	5.0	5.4	4.4	5.3	8.7

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
106 MVS 3261	5.0	4.8	5.1	5.2	6.0
107 A06-13	5.0	5.2	4.8	5.0	8.0
108 A05-336	5.0	5.1	5.1	4.9	8.3
109 Midnight Star	5.0	5.5	4.6	4.9	7.3
110 A04-1381	5.0	5.1	4.8	5.1	7.0
111 Brilliant	5.0	5.0	4.6	5.4	8.3
112 A06-42	5.0	5.1	4.9	4.9	6.3
113 A06-40	5.0	5.3	4.8	4.8	6.0
114 A04-1568	5.0	5.6	4.7	4.6	4.0
115 A05-314	5.0	5.2	4.4	5.3	6.7
116 P-105	5.0	4.8	4.6	5.5	6.0
117 RAD-510	5.0	5.0	5.1	4.8	5.3
118 STR 2278	5.0	5.0	4.6	5.3	8.3
119 A03-71	5.0	5.0	4.7	5.2	8.0
120 A05-324	4.9	5.0	4.8	5.1	8.7
121 A99-2377	4.9	5.2	4.3	5.2	7.7
122 Moon Beam	4.9	5.6	4.3	4.9	7.3
123 STR 23064	4.9	5.4	4.4	5.0	7.3
124 Ginney	4.9	5.3	4.5	5.0	7.3
125 A04-1569	4.9	5.6	4.3	4.8	3.7
126 PST-103-354	4.9	5.8	4.4	4.6	4.0
127 Argos	4.9	5.0	4.5	5.2	8.0
128 Mallard	4.9	5.0	4.7	5.1	8.3
129 Mystique	4.9	4.8	4.7	5.2	8.0
130 A04-1321	4.9	5.3	4.7	4.6	1.7
131 PST-102-145	4.9	4.7	4.7	5.2	6.7
132 Rubican	4.9	5.4	4.3	4.9	5.3
133 A06-37	4.9	5.2	4.7	4.7	7.3
134 SR 2109	4.9	5.4	4.4	4.8	4.0
135 STR 2451	4.9	4.8	4.9	4.9	8.3
136 Denali	4.9	5.0	4.7	4.9	7.7
137 A96-1338	4.9	5.2	4.7	4.7	4.7
138 A99-2717	4.9	4.8	4.8	5.0	8.3
139 A05-310	4.8	4.5	4.9	5.1	7.7
140 PST-103-412	4.8	4.6	4.9	5.0	6.7

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
141 Alpine	4.8	5.5	4.2	4.8	6.7
142 NA-3261	4.8	4.8	4.5	5.2	6.3
143 A03TB-391	4.8	4.7	5.3	4.5	8.0
144 PST-1A2-1440	4.8	5.4	4.4	4.7	7.7
145 PST-103-265	4.8	4.9	5.1	4.4	6.3
146 STR 23078	4.8	4.7	4.7	5.1	6.3
147 A05-297	4.8	5.4	4.1	4.9	8.3
148 A99-3119-1	4.8	4.5	4.6	5.4	8.3
149 A03-72	4.8	4.8	4.7	4.9	8.0
150 STR 2509	4.8	4.8	4.2	5.4	8.7
151 Touche	4.8	5.2	4.6	4.7	5.3
152 A00-1254	4.8	4.8	4.2	5.4	7.0
153 A93-201	4.8	4.2	5.1	5.0	7.7
154 STR 2553	4.8	4.5	5.1	4.7	8.0
155 Fahrenheit 90	4.8	4.8	4.9	4.6	8.3
156 SR 2284	4.7	4.1	4.4	5.7	8.7
157 Monte Carlo	4.7	4.9	4.7	4.6	8.7
158 A03TB-677	4.7	4.7	4.5	5.0	7.0
159 Voyager II	4.7	4.9	4.4	4.9	8.3
160 Rampart	4.7	4.6	5.0	4.6	4.3
161 PST-104-208	4.7	4.9	4.8	4.4	7.3
162 Starburst	4.7	4.8	4.6	4.7	6.7
163 A04-1529	4.7	5.2	4.5	4.4	4.0
164 PST-109-996	4.7	4.9	4.5	4.7	6.3
165 RAD-457	4.7	5.1	4.4	4.5	6.7
166 A03TB-411	4.7	4.9	4.3	4.8	7.7
167 STR 2332	4.7	4.5	4.6	4.9	8.7
168 A05-358	4.7	4.7	4.4	4.9	7.7
169 Unique	4.7	4.6	4.1	5.3	8.0
170 PST-102-158	4.7	4.5	4.7	4.7	8.0
171 A03-63	4.7	4.4	4.6	5.0	8.3
172 Bandera	4.7	4.9	4.3	4.7	7.0
173 PST-1G4-68	4.6	4.7	4.9	4.3	7.3
174 A05-306	4.6	4.4	4.6	4.9	7.7
175 PST-101-92	4.6	5.3	4.6	3.9	2.3

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
176 RAD-458	4.6	5.2	4.2	4.5	5.7
177 Blue Ridge	4.6	4.2	5.1	4.5	7.7
178 Full Moon	4.6	4.3	4.7	4.8	8.0
179 Kingfisher	4.6	4.1	4.8	4.9	7.3
180 Cheetah	4.6	4.7	5.0	4.1	6.3
181 Eagleton	4.6	4.4	4.9	4.4	8.7
182 SR 2100	4.6	4.4	4.9	4.5	7.7
183 IS-KB 6456890	4.6	4.4	5.0	4.4	3.7
184 PST-102-360	4.6	4.6	4.6	4.5	6.3
185 A03TB-423	4.6	4.6	4.9	4.2	7.3
186 PST-109-285	4.6	5.2	3.9	4.6	7.0
187 A00-2442-1	4.6	4.4	5.0	4.3	7.3
188 A04TB-275	4.5	4.6	4.3	4.7	8.3
189 A05-204	4.5	4.3	4.2	5.0	8.0
190 Showcase	4.5	4.1	4.4	5.0	8.0
191 PST-103-651	4.5	4.7	4.7	3.9	5.7
192 PP 028412	4.4	4.5	4.4	4.4	6.7
193 PP 028401	4.4	4.9	4.0	4.4	2.7
194 Aviator	4.4	4.2	4.8	4.3	7.7
195 Ulysses	4.4	4.4	4.3	4.5	4.7
196 SPTR 2959	4.4	4.1	4.6	4.5	7.0
197 H94-305	4.4	4.1	4.8	4.2	7.0
198 Orfeo	4.4	4.1	4.5	4.5	8.0
199 Hunnington	4.4	4.7	4.4	4.0	8.0
200 Deepblue	4.3	3.9	4.5	4.6	8.0
201 A05-323	4.3	4.4	4.0	4.5	7.7
202 RAD-474	4.3	4.1	4.7	4.1	6.7
203 RAD-475	4.3	4.3	4.5	4.1	7.0
204 A97-1799	4.3	4.3	3.9	4.7	6.7
205 Moonshine	4.3	4.0	3.9	5.0	8.7
206 Spitfire	4.3	4.0	4.2	4.7	8.0
207 A05-350	4.3	4.1	4.3	4.3	8.3
208 RAD-614	4.3	4.2	4.6	4.1	8.0
209 A98-689	4.3	4.4	4.1	4.3	8.0
210 PST-104-59	4.2	4.4	4.3	4.0	5.0

(Continued)

Table 3 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Dollar Spot ² Aug. 2009
	2007-2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
211 Guinness	4.2	4.2	3.7	4.7	7.3
212 A05-329	4.2	3.6	4.4	4.7	8.0
213 H01-844	4.2	3.8	4.7	3.9	4.0
214 W185-06	4.1	4.0	4.3	4.1	8.0
215 PST-1A3-472	4.0	4.1	4.3	3.8	7.0
216 Corsair	3.9	3.8	4.5	3.3	6.7
217 PST-1G4-52	3.8	3.5	4.4	3.6	6.7
218 A03TB	3.7	2.3	4.6	4.3	7.3
219 PST-102-965	3.6	3.9	4.1	3.0	4.0
LSD at 5% =	0.6	0.8	1.1	0.7	2.0

¹9 = best turf quality

²9 = least disease

Table 4. Performance of Kentucky bluegrass hybrid cultivars and selections in a turf trial seeded in September 2006 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----				Summer Patch ² Sept. 2009
	2007- 2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
1 Midnight	6.0	5.6	6.2	6.2	8.0
2 Mystere	6.0	5.5	6.6	6.0	7.7
3 3606-8	5.9	6.3	5.7	5.7	7.0
4 Bewitched	5.9	5.8	5.6	6.4	7.3
5 A06-46	5.8	6.1	5.9	5.5	8.0
6 A04-383	5.8	4.9	6.5	6.0	8.7
7 A98-363	5.8	5.8	5.9	5.7	7.7
8 A03-3590-6	5.8	6.0	6.1	5.3	5.3
9 A03-1	5.7	5.1	6.1	6.0	7.7
10 A05-322	5.7	5.8	6.1	5.3	6.3
11 A06-9	5.7	6.2	6.1	4.9	7.0
12 A04-1569	5.7	5.1	6.0	5.9	7.7
13 Blue Note	5.7	5.5	6.1	5.5	7.3
14 A05-328	5.7	5.5	5.7	5.9	8.7
15 A05-295	5.6	6.1	5.7	5.0	4.7
16 A06-84	5.6	5.8	5.7	5.3	6.0
17 A05-336	5.6	5.8	5.4	5.5	7.7
18 Hunnington	5.6	6.2	5.8	4.8	4.3
19 Diva	5.6	5.8	5.8	5.2	5.0
20 A03-69	5.6	4.8	6.2	5.7	8.3
21 H01-700	5.5	5.2	5.7	5.7	6.3
22 A05-373	5.5	6.0	5.7	5.0	6.3
23 A99-523	5.5	5.6	5.8	5.2	6.3
24 Ginney	5.5	5.2	5.6	5.7	6.3
25 A04-46	5.5	4.5	5.9	6.0	8.0
26 A04-66	5.5	5.3	5.7	5.4	7.7
27 A03TB-422	5.5	4.5	6.0	5.9	6.0
28 Mystique	5.5	5.9	5.4	5.2	6.7
29 A98-3322	5.4	5.0	6.1	5.2	6.3
30 A01-1789	5.4	5.1	5.8	5.5	6.7
31 A00-3030	5.4	4.9	6.1	5.4	5.3
32 A05-339	5.4	5.2	5.8	5.3	6.7
33 A01-1106	5.4	6.4	5.0	4.9	4.3
34 A05-335	5.4	5.2	5.6	5.5	6.3
35 A05-331	5.4	5.8	5.2	5.2	6.3

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Summer Patch ² Sept. 2009
	2007- 2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
36 A03-3597-1	5.4	5.1	5.9	5.2	5.0
37 H94-305	5.4	4.4	5.9	5.8	6.0
38 A99-2377	5.3	4.9	5.3	5.8	8.0
39 A05-334	5.3	5.3	5.2	5.4	7.3
40 A06-47	5.3	4.7	6.3	4.9	5.3
41 A99-2758	5.3	5.0	5.7	5.2	5.3
42 A06-28	5.3	5.2	4.9	5.7	7.0
43 H01-844	5.3	5.3	5.7	4.8	5.7
44 A04-69	5.3	4.8	5.9	5.1	6.0
45 A05-324	5.3	5.6	5.2	5.0	8.0
46 A96-1338	5.3	5.4	5.4	4.9	4.3
47 A06-10	5.2	5.6	5.4	4.6	6.7
48 A03TB-252	5.2	4.6	5.9	5.3	6.7
49 A06-5	5.2	5.1	5.7	4.9	6.0
50 A04-1568	5.2	5.2	5.9	4.5	4.3
51 A05-314	5.2	5.2	5.2	5.2	6.7
52 A04-68	5.2	5.3	5.3	4.9	6.0
53 A05-316	5.2	5.2	5.8	4.5	4.7
54 A05-336	5.2	5.2	5.6	4.7	4.7
55 A05-347	5.2	6.0	4.6	4.8	5.7
56 A99-2377	5.1	5.2	4.7	5.5	8.7
57 A00-3037	5.1	4.9	5.8	4.8	4.3
58 A04-1529	5.1	4.7	5.6	5.1	5.0
59 A06-35	5.1	5.3	5.3	4.6	5.0
60 A93-478	5.1	5.0	5.4	4.8	4.7
61 A04-1368	5.1	5.3	5.5	4.5	4.0
62 A06-27	5.1	5.3	5.2	4.7	5.3
63 A05-333	5.1	5.3	4.9	5.1	6.0
64 A03TB-676	5.1	5.3	5.5	4.4	4.0
65 A98-3369	5.0	5.3	5.9	3.9	3.3
66 Fahrenheit 90	5.0	4.5	5.7	4.9	5.0
67 A04TB-275	5.0	4.4	5.6	5.1	7.3
68 A99-2026	5.0	4.9	5.7	4.4	6.0
69 A04-1381	5.0	4.8	5.5	4.6	4.7
70 A05-359	5.0	4.0	5.8	5.0	8.0

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Summer Patch ² Sept. 2009
	2007- 2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
71 A99-2123	4.9	4.6	5.2	5.0	6.0
72 A04-1321	4.9	4.8	5.9	4.1	3.0
73 A04-1473	4.9	4.3	4.9	5.4	7.7
74 A06-7	4.9	4.8	5.3	4.5	4.7
75 A99-2031	4.9	5.3	4.9	4.3	3.7
76 P-105	4.9	4.6	5.4	4.6	5.7
77 A06-30	4.8	4.6	5.3	4.6	4.7
78 A06-42	4.8	4.9	5.1	4.5	5.0
79 A94MH-94	4.8	4.3	5.7	4.4	4.7
80 Eagleton	4.8	5.3	5.0	4.3	3.7
81 A06-33	4.8	5.4	4.2	4.7	5.0
82 A06-36	4.8	4.4	5.3	4.6	3.3
83 A00-2621	4.8	4.7	5.2	4.3	5.0
84 A05-362	4.8	5.4	5.1	3.8	3.3
85 A03TB-677	4.8	4.5	5.4	4.5	4.7
86 A06-2	4.7	5.3	4.4	4.4	5.0
87 A95-1048	4.7	4.6	5.0	4.6	5.3
88 A06-13	4.7	5.2	4.7	4.3	4.0
89 A05-367	4.7	3.9	4.9	5.3	6.0
90 A05-323	4.7	4.8	4.9	4.5	5.3
91 A99-3239	4.7	4.3	5.7	4.0	3.3
92 A05-310	4.6	4.4	5.7	3.8	3.0
93 A05-297	4.6	5.0	4.3	4.6	5.0
94 A06-26	4.6	5.7	4.4	3.7	3.3
95 A06-29	4.6	4.8	4.3	4.7	6.7
96 A03TB-567	4.6	4.3	5.2	4.3	4.3
97 A06-38	4.6	4.1	5.2	4.5	5.0
98 A06-40	4.6	4.8	4.9	4.0	4.3
99 Guinness	4.6	3.9	5.4	4.3	4.7
100 A06-3	4.5	4.8	4.7	4.1	4.3
101 A06-25	4.5	5.1	4.5	4.0	4.7
102 H97-297	4.5	4.2	4.8	4.6	5.3
103 A04-1268	4.5	4.3	4.7	4.6	4.3
104 A06-11	4.5	4.2	4.6	4.6	4.3
105 A04-1377	4.5	4.7	5.2	3.6	1.7

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Summer Patch ² Sept. 2009
	2007- 2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
106 A06-24	4.5	5.4	3.8	4.3	5.3
107 A06-44	4.4	4.6	4.8	3.9	4.3
108 A06-4	4.4	5.0	4.1	4.1	5.3
109 A06-16	4.4	4.8	4.3	4.1	5.0
110 A06-20	4.4	4.9	4.0	4.3	5.3
111 A06-19	4.4	5.2	4.3	3.5	2.0
112 A03TB-246	4.4	3.9	4.6	4.5	6.0
113 A06-15	4.3	4.5	4.2	4.3	5.0
114 A06-37	4.3	4.8	4.3	3.8	4.3
115 A98-3366	4.3	4.0	5.2	3.8	2.7
116 A97-1799	4.3	4.8	5.0	3.2	2.7
117 A06-18	4.3	4.6	4.5	3.8	4.7
118 A03-37	4.3	4.0	4.9	4.0	6.0
119 A04TB-281	4.3	4.2	5.3	3.4	4.3
120 A04-391	4.3	4.5	4.2	4.1	4.0
121 A04-394	4.3	4.4	4.2	4.1	3.7
122 A06-8	4.2	4.6	4.1	4.1	5.0
123 A06-23	4.2	4.5	4.4	3.8	4.7
124 A03TB-423	4.2	3.8	4.8	4.0	6.7
125 A06-22	4.2	3.7	4.4	4.5	6.7
126 A00-2486	4.1	4.0	4.6	3.7	4.7
127 A06-41	4.1	4.2	4.6	3.5	3.0
128 H01-938	4.1	4.6	4.3	3.4	4.0
129 A04TB-7	4.1	2.9	4.6	4.8	5.0
130 A06-45	4.1	4.0	4.7	3.4	3.7
131 A06-32	4.0	5.1	3.8	3.0	2.0
132 A06-34	4.0	4.2	4.4	3.5	3.3
133 A04-37	4.0	4.2	4.6	3.3	1.3
134 A03TB-391	4.0	3.1	4.4	4.7	6.3
135 A06-12	4.0	4.7	3.4	3.9	5.0
136 A05-306	4.0	4.3	4.7	3.0	2.7
137 A04-71	4.0	4.4	4.1	3.5	3.0
138 A04-1286	3.9	4.7	4.4	2.8	1.3
139 A03TB-795	3.9	4.2	3.9	3.7	4.3
140 A03TB-416	3.9	3.1	4.7	4.0	5.3

(Continued)

Table 4 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----				Summer Patch ² Sept. 2009
	2007- 2009 Avg.	2007 Avg.	2008 Avg.	2009 Avg.	
141 A04-1272	3.9	3.6	4.6	3.5	2.0
142 A05-313	3.7	3.5	4.0	3.7	4.0
143 A06-39	3.7	3.7	4.2	3.3	3.3
144 A06-21	3.7	4.3	3.4	3.3	1.7
145 A06-17	3.6	3.7	4.0	3.2	3.3
146 A06-1	3.6	4.1	3.5	3.4	4.0
147 A06-14	3.6	4.5	3.6	2.8	1.7
148 A06-43	3.5	2.8	3.8	3.8	4.7
149 A05-329	3.5	3.8	3.3	3.4	5.7
150 A03TB-411	3.5	4.5	3.5	2.4	1.7
151 A06-6	3.4	4.4	3.1	2.5	2.0
152 A05-204	3.2	4.1	2.9	2.7	4.3
153 A03TB-718	3.2	3.2	3.6	2.7	4.3
154 A03TB-559	3.1	3.5	3.3	2.5	1.7
155 A03TB-500	3.1	2.8	3.6	2.8	2.3
156 A06-31	3.0	4.1	2.6	2.5	1.7
157 A04-1373	3.0	3.9	2.6	2.4	2.0
158 A04TB-334	3.0	3.2	2.8	2.8	2.0
159 A04TB-267	2.5	1.8	2.8	2.8	2.3
160 A04TB-157	2.4	1.5	2.9	2.7	2.7
LSD at 5% =	0.7	0.9	1.0	1.0	2.1

¹9 = best turf quality²9 = least disease

Table 5. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2007 at Adelphia, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
1 A03-3590-6	6.4	6.3	6.4	8.3
2 A00-1400	6.3	6.4	6.2	8.7
3 A03-3606-8	6.1	6.1	6.1	8.0
4 A03-3	6.1	6.2	5.9	7.7
5 A03-3597-1	6.1	6.0	6.1	8.0
6 Aura	6.0	6.0	6.0	8.3
7 PST-K4-9	6.0	6.2	5.8	7.0
8 109-752	6.0	6.1	5.8	7.7
9 A98-708	6.0	6.3	5.7	7.0
10 A04-68	6.0	6.0	5.9	8.7
11 PST-K7-40	5.9	6.1	5.8	7.3
12 95-2404	5.9	6.2	5.6	8.7
13 AKB 449	5.9	5.9	5.9	8.7
14 Mystere	5.8	6.0	5.5	8.7
15 Midnight II	5.8	5.7	5.8	8.0
16 RAD-631	5.7	5.8	5.7	7.0
17 A05-364	5.7	6.0	5.5	8.3
18 Moonshadow	5.7	5.5	6.0	8.0
19 Arcadia	5.7	5.9	5.5	8.3
20 A06-84	5.7	6.2	5.2	7.7
21 A99-2758	5.7	5.6	5.8	8.0
22 Beyond	5.7	6.0	5.4	7.3
23 OAN-614	5.7	5.6	5.8	9.0
24 A05-295	5.7	5.7	5.7	8.7
25 A97-1686	5.7	5.8	5.5	8.7
26 A96-1338	5.6	5.5	5.7	8.7
27 A05-321	5.6	5.5	5.8	8.7
28 Tsunami	5.6	5.6	5.6	8.0
29 A04-66	5.6	5.4	5.8	7.7
30 A99-2123	5.6	5.7	5.5	8.0
31 A04-1375	5.6	5.9	5.2	5.7
32 A04-1489	5.6	6.1	5.0	7.7
33 PST-K4-8	5.6	5.5	5.7	8.7
34 PST-K7-39	5.6	5.2	6.0	7.3
35 A04-71	5.6	5.5	5.6	7.0

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
36 Nuglade	5.6	5.7	5.5	8.0
37 PST-T7-4	5.6	5.6	5.5	7.7
38 A99-2897	5.5	5.3	5.7	8.3
39 P-105	5.5	5.7	5.3	8.0
40 PST-K7-37	5.5	5.5	5.5	8.3
41 Odyssey	5.5	5.7	5.3	8.0
42 A04TB-338	5.5	5.7	5.4	8.0
43 95-2024	5.5	5.4	5.6	8.7
44 A04-69	5.5	5.6	5.4	8.0
45 Ginney	5.5	5.7	5.3	7.7
46 Emblem	5.5	5.4	5.6	8.0
47 A05-361	5.5	5.2	5.7	8.0
48 PST-103-87	5.5	5.3	5.7	6.7
49 A05-366	5.5	5.5	5.4	8.3
50 A00-1193	5.4	5.6	5.3	8.0
51 Award	5.4	5.3	5.6	8.7
52 Rambo	5.4	5.5	5.3	8.0
53 A07-5	5.4	5.7	5.1	7.3
54 A01-583	5.4	5.5	5.3	8.3
55 STR 2324	5.4	5.5	5.3	7.7
56 A03-51	5.4	5.7	5.1	8.0
57 Moonlight SLT	5.4	5.3	5.5	6.7
58 Rhythm	5.4	5.5	5.3	8.0
59 A04-1470	5.4	5.7	5.0	5.7
60 BDG-7-474	5.4	5.3	5.5	7.7
61 A05-314	5.4	5.3	5.5	8.0
62 A05-351	5.4	5.3	5.5	8.0
63 Everest	5.4	5.4	5.3	8.7
64 PST-K4-7	5.4	5.0	5.7	8.3
65 A03TB-965	5.4	5.3	5.4	8.0
66 A00-4019	5.3	5.6	5.1	7.0
67 A96-363	5.3	5.5	5.1	8.0
68 RAD-507	5.3	5.5	5.2	7.3
69 A00-3037	5.3	5.5	5.1	6.7
70 Jump Start	5.3	5.4	5.2	8.0

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
71 Yankee	5.3	5.6	5.0	6.3
72 RAD-343	5.3	5.5	5.0	6.7
73 Quantum Leap	5.3	5.3	5.3	8.7
74 A05-316	5.3	5.3	5.2	8.0
75 A07-3	5.3	5.1	5.4	8.3
76 H02-608	5.3	5.3	5.2	6.0
77 A06-23	5.3	5.5	5.0	8.0
78 Liberator	5.3	5.0	5.5	8.3
79 Rhapsody	5.3	5.1	5.4	8.3
80 PST-T7-7	5.2	5.6	4.9	7.0
81 A04-1474	5.2	5.5	4.9	6.7
82 PST-K7-22	5.2	5.4	5.0	8.7
83 BDG-7-762	5.2	5.3	5.2	7.7
84 Prosperity	5.2	5.1	5.3	7.3
85 Pick 366	5.2	5.2	5.2	8.3
86 A03-7	5.2	5.2	5.2	9.0
87 A04-1272	5.2	5.4	5.0	6.0
88 A04TB-258	5.2	5.0	5.4	7.7
89 RAD-510	5.2	5.1	5.2	7.3
90 Julia	5.2	5.4	4.9	7.3
91 A04-1268	5.2	5.5	4.8	6.7
92 Rush	5.2	5.1	5.3	7.7
93 A04TB-275	5.2	5.1	5.3	8.0
94 04KYBGOT-14	5.2	5.0	5.3	9.0
95 98-15 White/Green	5.2	5.3	5.1	8.0
96 A05-347	5.2	5.2	5.1	8.7
97 A04-1381	5.2	5.4	4.9	7.3
98 Chicago II	5.1	4.8	5.5	8.0
99 A91-703	5.1	5.3	5.0	8.0
100 PST-103-412	5.1	5.3	4.9	7.0
101 RAD-630	5.1	5.1	5.1	8.3
102 A98-3366	5.1	5.0	5.2	7.0
103 High Noon	5.1	5.1	5.1	7.0
104 Alpine	5.1	4.7	5.4	7.7
105 A04-1342	5.1	5.0	5.1	8.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
106 Dynamo	5.1	4.8	5.3	8.0
107 PST-K4-5	5.1	5.1	5.0	8.3
108 H02-647	5.1	5.0	5.1	7.0
109 BDG-7-343	5.1	5.1	5.0	8.3
110 PST-109-996	5.0	5.1	4.9	7.3
111 STR 2485	5.0	5.1	5.0	8.7
112 SR 2100	5.0	5.3	4.7	7.7
113 A04-1415	5.0	5.1	4.9	7.7
114 A99-447	5.0	5.0	5.0	8.7
115 PST-K7-34	5.0	4.9	5.1	8.3
116 Moonlight	5.0	4.9	5.1	8.7
117 PST-K4-3	5.0	4.7	5.3	8.3
118 A03-37	5.0	5.1	4.9	8.7
119 PST-1G4-68	5.0	5.2	4.8	6.7
120 A04-1347	5.0	4.9	5.1	7.0
121 A94MH-94	5.0	5.3	4.6	7.7
122 Moon Beam	5.0	4.8	5.1	8.3
123 Blue Sapphire	5.0	5.0	4.9	6.3
124 A02-1429	4.9	5.4	4.5	4.0
125 A03-TB 775	4.9	5.3	4.6	5.3
126 Avalanche	4.9	4.7	5.1	7.0
127 Touche	4.9	4.9	4.9	7.0
128 A05-201	4.9	4.8	5.0	7.3
129 Diva	4.9	5.0	4.8	8.0
130 Argos	4.9	4.9	5.0	8.0
131 A05-847	4.9	5.0	4.8	7.3
132 A05-345	4.9	4.7	5.1	8.7
133 Brilliant	4.9	5.0	4.8	8.3
134 Longhorn	4.9	4.9	4.9	6.7
135 RAD-640	4.9	4.7	5.1	8.3
136 A04-1488	4.9	5.3	4.5	5.3
137 A05-325	4.9	4.7	5.1	8.7
138 A05-297	4.9	4.7	5.0	8.3
139 H04-CTBT-295	4.9	5.1	4.6	7.0
140 A01-245	4.9	5.1	4.6	8.3

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
141 A04-1315	4.8	5.2	4.5	8.0
142 A05TB-386	4.8	4.5	5.1	8.7
143 RAD-232	4.8	5.1	4.6	6.7
144 A05-322	4.8	4.7	4.9	8.7
145 A06-36	4.8	5.0	4.6	5.3
146 PST-T7-6	4.8	5.0	4.6	7.7
147 A06-596	4.8	5.1	4.6	6.0
148 SR 2109	4.8	5.0	4.6	6.3
149 A04-1557	4.8	4.9	4.7	6.7
150 A98-344	4.8	5.2	4.4	9.0
151 A05TB-275	4.8	4.9	4.7	8.3
152 PST-K4-15	4.8	4.9	4.6	6.7
153 A93-201	4.8	4.7	4.8	7.7
154 Pick 711	4.8	4.8	4.7	8.7
155 A04TB-212	4.8	5.3	4.2	7.7
156 STR 23078	4.8	4.8	4.7	7.3
157 NuBlue	4.7	4.9	4.6	7.3
158 RAD-502	4.7	5.2	4.3	8.3
159 NA-3248	4.7	4.5	5.0	5.7
160 A00-891	4.7	4.7	4.7	8.0
161 A05-203	4.7	4.9	4.6	8.7
162 PST-K4-4	4.7	4.5	4.9	8.3
163 PST-K7-31	4.7	4.9	4.5	8.3
164 K7-35	4.7	4.2	5.2	8.0
165 A99-2717	4.7	4.9	4.6	8.7
166 A05-204	4.7	4.9	4.5	8.7
167 PST-K7-32	4.7	4.7	4.7	7.0
168 Starburst	4.7	4.7	4.7	8.0
169 A07-7	4.7	5.1	4.3	8.0
170 A05-894	4.7	5.1	4.2	7.7
171 A99-1799	4.7	4.7	4.7	7.3
172 H99-384	4.7	4.7	4.6	8.3
173 A98-3322	4.7	5.1	4.3	7.0
174 A99-2103	4.7	4.7	4.7	8.0
175 A98-948	4.7	4.6	4.8	7.0

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
176 Cheetah	4.7	5.0	4.4	7.7
177 RSP	4.7	4.7	4.7	6.7
178 H01-844	4.7	4.7	4.7	7.3
179 Mystique	4.7	4.6	4.7	8.7
180 A04-1417	4.7	5.0	4.3	6.7
181 RAD-513	4.7	4.6	4.7	8.3
182 Ulysses	4.7	4.7	4.6	7.7
183 A05-323	4.6	4.6	4.7	8.7
184 PST-T7-8	4.6	4.7	4.6	6.0
185 PST-T7-2	4.6	4.5	4.7	7.7
186 A04-1384	4.6	4.9	4.4	7.0
187 A05-333	4.6	4.5	4.7	9.0
188 98-3 Green	4.6	5.0	4.2	6.3
189 SPTR 2959	4.6	4.4	4.8	7.0
190 A03-8	4.6	4.3	4.9	7.3
191 H94-305	4.6	4.7	4.5	7.3
192 A97-1328	4.6	4.5	4.6	8.0
193 A04-1569	4.6	4.8	4.4	5.7
194 Everglade	4.6	4.2	5.0	7.7
195 Moonshine	4.6	4.5	4.6	7.0
196 RAD-339	4.6	4.8	4.4	8.0
197 A05-200	4.6	4.7	4.5	8.3
198 A03-63	4.6	4.7	4.5	8.3
199 Futurity	4.6	4.7	4.4	9.0
200 SR 2284	4.6	4.7	4.4	8.7
201 PpH8510	4.6	4.8	4.3	7.7
202 A00-8	4.5	4.8	4.3	7.3
203 04KYBGOT-1	4.5	4.7	4.3	7.3
204 Spitfire	4.5	4.4	4.7	7.7
205 Blacksburg	4.5	4.7	4.3	7.0
206 PST-K7-24	4.5	4.4	4.6	7.3
207 Wildhorse	4.5	4.4	4.6	8.0
208 Full Moon	4.5	4.4	4.6	8.3
209 Bandera	4.5	4.7	4.3	7.0
210 A03-TB-677	4.5	4.4	4.6	7.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
211 STR 2278	4.5	4.4	4.6	8.3
212 Rugby II	4.5	4.3	4.7	7.7
213 Mallard	4.5	4.4	4.5	8.0
214 H99-1626	4.5	4.5	4.4	7.7
215 STR 2451	4.5	4.6	4.3	8.3
216 STR 23064	4.5	4.7	4.2	8.0
217 A05-332	4.4	4.5	4.4	8.7
218 Kingfisher	4.4	4.5	4.3	8.3
219 Impact	4.4	4.1	4.7	8.0
220 Guinness	4.4	4.1	4.7	7.3
221 PST-K7-23	4.4	4.5	4.3	6.3
222 PST-K7-38	4.4	5.0	3.8	8.0
223 A03-72	4.4	4.5	4.3	8.3
224 PST-T7-3	4.4	4.7	4.1	7.7
225 04KYBGOT-8	4.4	4.5	4.2	8.3
226 A00-TB 109	4.4	4.6	4.2	7.3
227 05KYBGOT-43	4.4	4.1	4.6	9.0
228 A04-1547 HV-67	4.4	4.4	4.3	6.7
229 A04-14	4.4	4.5	4.2	8.7
230 A03-25	4.4	4.3	4.4	7.3
231 Hunnington	4.4	4.7	4.0	8.0
232 America	4.4	4.5	4.2	7.7
233 A03-71	4.3	4.3	4.3	8.3
234 A04-1518	4.3	4.8	3.9	7.7
235 A04TB-192	4.3	4.5	4.1	7.7
236 Aviator	4.3	4.5	4.1	7.3
237 A06-636	4.3	4.4	4.2	4.3
238 KH9739	4.3	4.3	4.2	8.0
239 PST-K307	4.3	4.5	4.0	8.3
240 PST-K4-10	4.3	4.5	4.0	5.7
241 Orfeo	4.3	4.5	4.1	7.0
242 PST-K7-26	4.2	4.4	4.1	8.0
243 PST-K7-30	4.2	3.8	4.7	8.3
244 Rampart	4.2	4.3	4.2	6.7
245 PST-K4-18	4.2	4.3	4.2	7.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
246 RAD-602	4.2	4.1	4.3	7.7
247 RAD-551	4.2	4.0	4.4	8.0
248 STR 235	4.2	4.1	4.3	8.0
249 04KYBGOT-7	4.2	4.1	4.2	9.0
250 Corsair	4.2	4.0	4.3	6.3
251 Monte Carlo	4.2	4.2	4.1	8.3
252 STR 2553	4.2	4.1	4.2	8.7
253 PST-K7-27	4.2	3.7	4.6	8.0
254 A02-976	4.1	4.2	4.0	7.0
255 Royale	4.1	4.1	4.2	7.7
256 PST-104-59	4.1	4.5	3.7	7.0
257 PST-103-651	4.1	3.8	4.4	6.7
258 A04-15	4.1	4.2	3.9	6.3
259 A99-3110	4.1	4.1	4.0	8.7
260 A04-13	4.0	3.9	4.1	8.3
261 A03-TB-423	4.0	4.3	3.7	7.0
262 Blue Ridge	4.0	4.1	3.9	7.7
263 Touchdown	4.0	4.0	4.0	7.3
264 A03-29	4.0	3.9	4.1	7.7
265 O4KYBGOT-9	4.0	3.8	4.1	8.7
266 Katie	3.9	3.9	4.0	8.7
267 PST-K7-43D	3.9	4.1	3.7	8.0
268 PST-106-692	3.9	3.7	4.1	7.7
269 PST-K7-36	3.9	3.6	4.1	7.7
270 STR 2509	3.9	3.7	4.0	8.0
271 Thorough-Blue	3.9	4.0	3.7	7.3
272 PST-K7-41G	3.9	3.5	4.2	8.0
273 A05-331	3.8	3.8	3.8	8.3
274 PST-K1011	3.8	3.7	3.9	8.3
275 A05-350	3.8	3.5	4.0	8.0
276 A05-354	3.8	3.8	3.7	7.7
277 PST-K7-25	3.8	3.7	3.8	8.0
278 A03-TB 788	3.8	3.5	4.0	8.0
279 BDG-7-614	3.7	3.7	3.8	8.0
280 PST-102-234-BS	3.7	3.7	3.7	6.7

(Continued)

Table 5 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Dollar Spot ² Aug. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
281 Hawman	3.7	3.6	3.8	7.0
282 A05TB-382	3.7	3.9	3.5	8.0
283 Alleycat	3.7	3.9	3.5	8.3
284 PST-K7-44D	3.7	3.7	3.6	8.0
285 RAD-614	3.7	3.9	3.5	8.3
286 RAD-825	3.7	3.5	3.8	8.3
287 PST-K7-28	3.6	2.9	4.4	8.0
288 T7-5	3.6	3.4	3.7	8.3
289 PST-K4-6	3.5	3.4	3.6	7.7
290 PST-K7-29	3.5	3.5	3.5	6.7
291 Cadet	3.4	3.6	3.3	7.3
292 AKB254	3.4	3.1	3.6	8.0
293 A05-329	3.1	2.9	3.2	9.0
294 PST-K7-19	3.0	2.1	3.8	7.3
295 RAD-902	2.9	2.2	3.6	8.7
296 A03-411	2.2	2.1	2.3	8.0
297 STR 2332	1.3	1.0	1.6	7.0
LSD at 5% =	0.7	0.9	0.8	1.5

¹9 = best turf quality²9 = least disease

Table 6. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2007 at North Brunswick, NJ.

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
1 Prosperity	6.4	6.8	5.9	7.0
2 A05-321	6.0	6.4	5.7	7.3
3 95-2404	6.0	6.2	5.8	8.0
4 Liberator	5.8	6.3	5.4	6.0
5 A04-69	5.7	6.0	5.5	7.0
6 PST-109-996	5.7	6.2	5.3	5.7
7 A04TB-258	5.7	6.0	5.4	6.3
8 Midnight II	5.7	6.1	5.3	7.0
9 Rambo	5.7	5.8	5.5	7.3
10 A96-1338	5.6	6.0	5.2	5.7
11 A03-6	5.6	5.9	5.3	7.3
12 A04-383	5.6	5.9	5.3	7.0
13 A05-322	5.5	5.8	5.3	7.7
14 A03-25	5.5	6.1	4.9	6.0
15 A00-3037	5.5	6.4	4.7	4.3
16 A03-5	5.5	5.8	5.2	7.3
17 H98-767	5.5	5.7	5.3	6.7
18 A00-8	5.5	6.1	4.9	7.7
19 A04-1381	5.5	6.0	5.0	5.3
20 Diva	5.5	5.6	5.4	6.7
21 Hunnington	5.5	5.6	5.4	6.7
22 Brilliant	5.5	5.5	5.5	7.3
23 Longhorn	5.5	5.8	5.2	6.0
24 A06-84	5.5	6.0	5.0	7.3
25 A94MH-94	5.5	5.7	5.3	6.3
26 A03-8	5.5	5.9	5.0	6.7
27 A05-361	5.5	6.0	4.9	5.7
28 Nuglade	5.5	6.1	4.8	6.7
29 Beyond	5.5	5.8	5.2	7.7
30 Ginney	5.5	5.8	5.1	7.0
31 Jump Start	5.5	5.7	5.2	6.3
32 A05-314	5.4	5.6	5.3	6.7
33 A04-383	5.4	5.8	5.1	7.0
34 A04-1271	5.4	5.9	4.9	6.0
35 A05-325	5.4	5.6	5.2	7.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
36 A01-583	5.4	5.9	5.0	6.3
37 Everest	5.4	6.3	4.5	6.3
38 H99-334	5.4	5.7	5.1	7.0
39 A04-1368	5.4	5.8	4.9	6.7
40 Impact	5.4	5.7	5.0	6.7
41 Odyssey	5.4	5.7	5.0	7.0
42 A96-363	5.3	5.4	5.2	7.3
43 A04-1407	5.3	5.8	4.8	5.3
44 A04-1557	5.3	5.8	4.8	6.0
45 A00-1395	5.3	5.6	5.0	7.3
46 A06-42	5.3	5.9	4.8	6.3
47 RSP	5.3	5.7	4.8	6.7
48 H02-607	5.3	5.6	5.1	6.0
49 A99-2758	5.3	5.5	5.1	6.3
50 Award	5.3	5.6	5.0	6.3
51 H03-556	5.3	5.8	4.7	4.7
52 A05-333	5.3	5.7	4.8	6.0
53 Mystere	5.3	5.4	5.1	7.3
54 A03-26	5.2	5.5	4.9	7.3
55 A99-2123	5.2	5.6	5.0	6.3
56 95-2024	5.2	5.1	5.5	7.7
57 A04TB-275	5.2	5.3	5.1	6.3
58 A04-387	5.2	5.3	5.1	6.0
59 A04-67	5.2	5.4	5.0	7.0
60 A99-2103	5.2	5.5	5.0	8.3
61 Everglade	5.2	5.6	4.7	7.0
62 A04-1569	5.1	5.7	4.6	5.3
63 Chicago II	5.1	5.6	4.7	5.3
64 A04-1272	5.1	6.2	4.1	4.7
65 A04-66	5.1	5.4	4.8	6.7
66 Tsunami	5.1	5.3	4.8	7.0
67 Moonlight	5.1	5.5	4.7	7.0
68 H03-510	5.1	5.2	5.0	7.0
69 Thorough-Blue	5.1	5.1	5.0	7.0
70 A99-447	5.0	5.6	4.4	6.0

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
71 A96-409	5.0	5.3	4.9	5.0
72 Mystique	5.0	5.1	4.9	7.3
73 High Noon	5.0	5.5	4.6	4.7
74 H07-3	5.0	5.3	4.8	6.3
75 A03-51	5.0	5.4	4.6	7.0
76 A04-1375	5.0	6.1	3.9	3.0
77 A04-1470	5.0	5.5	4.6	5.3
78 A04-1489	5.0	5.4	4.5	5.0
79 A05-201	5.0	5.1	4.9	5.7
80 H07-2	5.0	5.1	4.8	6.3
81 A05-313	5.0	5.3	4.7	5.7
82 A06-36	5.0	5.5	4.5	5.0
83 A00-4019	5.0	5.4	4.5	5.7
84 A04-15	4.9	4.9	5.0	5.3
85 A04-37	4.9	5.4	4.5	5.3
86 A98-962	4.9	5.3	4.6	6.3
87 A04TB-212	4.9	5.5	4.3	6.3
88 H99-1626	4.9	5.2	4.6	5.7
89 A98-3322	4.9	5.3	4.5	4.0
90 A03-28	4.9	4.9	4.9	6.0
91 A05-316	4.9	5.5	4.3	5.3
92 Moonshine	4.9	4.9	4.9	4.7
93 A05TB-275	4.9	5.2	4.6	5.0
94 A05-323	4.9	5.2	4.5	6.3
95 H01-844	4.9	5.5	4.2	5.0
96 A04-74	4.9	5.3	4.4	6.7
97 A01-245	4.9	5.0	4.7	7.0
98 A93-201	4.8	5.4	4.3	4.0
99 A04-1415	4.8	4.9	4.7	6.7
100 A04-13	4.8	4.4	5.2	7.3
101 K4-7	4.8	4.6	5.1	7.7
102 Julia	4.8	5.2	4.4	5.3
103 A05-847	4.8	5.7	3.9	3.7
104 A04-1377	4.8	5.3	4.3	4.7
105 H03-532	4.8	5.2	4.4	5.7

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
106 H99-384	4.8	5.2	4.4	6.0
107 Rugby II	4.8	5.2	4.5	5.7
108 K7-26	4.8	5.2	4.4	5.7
109 H07-5	4.8	5.5	4.0	6.0
110 A99-2897	4.8	4.9	4.6	6.0
111 A99-1799	4.8	4.7	4.9	6.3
112 Moon Beam	4.8	5.1	4.4	5.0
113 A04-1315	4.7	5.1	4.4	4.7
114 A04-1384	4.7	5.3	4.2	5.3
115 A05-894	4.7	5.0	4.4	5.0
116 A04-14	4.7	4.8	4.6	5.7
117 A93-201	4.7	5.1	4.4	5.3
118 103-87	4.7	5.5	3.9	3.7
119 A04-1342	4.7	4.5	4.8	5.3
120 A04-1452	4.7	5.1	4.3	4.3
121 A99-712	4.7	5.2	4.2	4.7
122 A97-1328	4.7	5.0	4.4	5.3
123 P-105	4.7	5.2	4.1	5.3
124 A98-708	4.7	5.0	4.4	5.7
125 H07-4	4.6	4.7	4.6	7.3
126 A00-1400	4.6	4.8	4.4	5.0
127 H99-1551	4.6	4.5	4.7	7.0
128 Rush	4.6	5.2	4.1	4.0
129 H94-305	4.6	4.2	5.2	7.0
130 T7-2	4.6	4.8	4.4	5.3
131 T7-4	4.6	5.4	3.9	4.7
132 K4-3	4.6	5.0	4.3	4.7
133 A04TB-338	4.6	5.4	3.9	6.3
134 A04-391	4.6	5.2	4.1	4.7
135 A04-394	4.6	4.9	4.3	5.3
136 A04-1347	4.6	5.5	3.7	3.0
137 A04-1268	4.6	4.8	4.3	4.7
138 A06-23	4.6	4.6	4.6	7.3
139 A00-1193	4.6	5.4	3.8	3.7
140 P-105	4.6	4.6	4.6	6.3

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
141 K4-9	4.6	4.7	4.5	6.0
142 K7-37	4.6	4.8	4.4	6.3
143 Blacksburg	4.6	5.1	4.1	4.0
144 Guinness	4.6	5.1	4.1	4.0
145 K7-32	4.6	4.7	4.5	5.0
146 K7-34	4.6	4.8	4.4	6.3
147 Moonlight SLT	4.6	5.6	3.6	2.7
148 104-59	4.6	4.9	4.2	5.0
149 H07-1	4.5	4.5	4.6	7.0
150 A03-72	4.5	4.7	4.3	6.3
151 K7-39	4.5	4.9	4.2	5.3
152 K4-5	4.5	4.9	4.1	5.3
153 K7-27	4.5	4.6	4.4	6.0
154 K7-29	4.5	4.6	4.5	5.0
155 A04-1547	4.5	4.9	4.2	5.3
156 A91-703	4.5	4.6	4.5	6.3
157 A05-200	4.5	4.6	4.4	7.0
158 PpH8510	4.5	4.9	4.0	4.7
159 K7-24	4.5	4.8	4.2	4.7
160 K4F-18	4.5	5.4	3.7	4.0
161 H02-647	4.5	5.3	3.6	2.7
162 A06-33	4.4	4.8	4.0	6.0
163 T7-6	4.4	5.1	3.7	4.0
164 K4-10	4.4	4.5	4.3	5.3
165 A98-344	4.4	4.8	4.0	5.7
166 Full Moon	4.4	4.5	4.2	7.0
167 K7-30	4.4	4.2	4.5	5.3
168 PST-103-412	4.3	4.8	3.9	4.7
169 A05TB-386	4.3	4.3	4.3	5.3
170 A02-1429	4.3	5.4	3.2	1.7
171 H03-546	4.3	4.3	4.4	6.0
172 K4-8	4.3	5.1	3.5	3.3
173 K7-44D	4.3	4.3	4.3	5.7
174 H02-608	4.3	4.9	3.6	2.3
175 K4-4	4.3	4.5	4.0	5.0

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
176 A04TB-152	4.2	4.5	4.0	7.0
177 A02-976	4.2	4.7	3.8	6.0
178 A03-37	4.2	4.3	4.0	5.0
179 A05-345	4.2	4.3	4.1	6.0
180 K7-40	4.2	4.5	3.9	4.7
181 T7-8	4.1	4.5	3.6	4.7
182 Dynamo	4.1	4.6	3.6	3.0
183 A04-1474	4.1	4.4	3.8	4.7
184 A98-3366	4.1	5.0	3.2	2.7
185 A98-1001	4.1	4.8	3.4	3.0
186 H07-6	4.1	4.3	3.9	6.0
187 PST-1G4-68	4.1	4.4	3.8	3.7
188 PST-103-651	4.0	4.2	4.0	5.7
189 Baron	4.0	4.6	3.5	4.7
190 A05-203	4.0	4.4	3.6	5.3
191 NuBlue	4.0	4.0	3.9	5.3
192 K7-23	4.0	3.9	4.1	4.7
193 T7-7	4.0	5.1	2.8	1.3
194 Hawman	3.9	3.8	4.2	4.7
195 K7-28	3.9	4.0	3.8	4.7
196 K7-41G	3.8	4.4	3.3	2.3
197 A97-1271	3.7	3.9	3.5	5.0
198 PST-103-692	3.7	3.8	3.7	4.7
199 A05TB-382	3.7	3.8	3.6	5.0
200 A05-204	3.7	4.3	3.1	4.7
201 T7-3	3.7	4.1	3.2	4.0
202 K7-36	3.6	4.0	3.3	3.7
203 H92-558	3.6	3.4	3.7	5.0
204 K7-31	3.6	3.7	3.5	4.7
205 K4-15	3.6	3.5	3.7	3.7
206 K7-22	3.6	3.9	3.3	5.0
207 K7-38	3.6	3.8	3.3	5.0
208 A05-332	3.5	3.8	3.2	3.3
209 A05TB-459	3.5	3.3	3.7	6.3
210 A05-329	3.4	4.0	3.0	4.0

(Continued)

Table 6 (continued).

Cultivar or Selection	-----Turf Quality ¹ -----			Summer Patch ² Sept. 2009
	2008- 2009 Avg.	2008 Avg.	2009 Avg.	
211 K7-19	3.4	3.4	3.3	4.7
212 A96-742	3.3	3.2	3.4	4.7
213 A04TB-192	3.3	3.4	3.1	5.3
214 H07-7	3.2	3.5	2.9	4.0
215 K7-43D	3.0	3.3	2.7	3.3
216 A05TB-94	3.0	2.9	3.1	5.0
217 K7-25	2.9	3.3	2.5	2.7
218 K4-6	2.9	2.9	2.9	4.0
219 102-234-BS	2.1	2.2	2.1	3.7
LSD at 5% =	0.8	0.9	1.0	2.1

¹9 = best turf quality

²9 = least disease

Table 7. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in August 2008 at Adelphia, NJ.

Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
1 A00-1400	7.0	8.5	8.3	8.7	8.7	6.3	3.3	7.0
2 A05TB-386	6.9	8.0	8.3	7.7	7.3	5.0	4.3	8.7
3 1025-117	6.9	7.5	7.0	8.0	8.0	5.3	6.3	8.7
4 103-585	6.6	5.5	7.7	3.3	7.3	5.0	4.7	7.7
5 A03TB-1017	6.5	7.0	7.0	7.0	7.0	8.0	4.3	7.0
6 Blueberry	6.5	6.2	8.0	4.3	7.7	5.3	5.3	7.0
7 NuBlue Plus	6.4	7.0	7.0	7.0	5.0	7.0	6.7	7.3
8 Granite	6.4	6.8	7.0	6.7	6.3	7.0	5.0	6.3
9 Emblem	6.4	6.0	5.7	6.3	6.7	3.3	6.7	6.3
10 NuChicago	6.3	7.0	7.3	6.7	4.7	6.3	4.7	7.0
11 A98-708	6.3	7.2	7.0	7.3	7.0	3.0	3.7	8.0
12 Nu Destiny	6.2	6.8	6.7	7.0	4.0	7.3	5.3	6.3
13 Hampton	6.2	6.0	6.7	5.3	6.0	5.3	6.0	9.0
14 Serene	6.2	5.7	5.7	5.7	5.7	3.0	5.3	8.3
15 Bluenote	6.2	7.8	7.3	8.3	8.0	5.7	3.0	6.7
16 A04-74	6.2	7.7	7.3	8.0	7.7	6.7	5.0	4.3
17 Award	6.2	6.5	6.7	6.3	5.7	6.7	3.7	7.3
18 A06-24	6.1	7.5	7.7	7.3	7.3	6.3	3.7	6.0
19 A01-349	6.1	7.0	7.0	7.0	7.7	5.0	3.7	6.7
20 A04-49	6.0	7.7	7.7	7.7	7.7	5.7	4.0	8.7
21 A98-344	6.0	7.2	7.7	6.7	7.7	6.0	5.7	6.3
22 103-87	6.0	7.0	7.0	7.0	7.0	8.0	6.0	8.3
23 Rhythm	6.0	7.2	7.0	7.3	6.0	7.0	2.3	7.0
24 102-45	6.0	7.0	7.0	7.0	7.0	3.3	7.0	7.3
25 A08-3	6.0	6.8	7.3	6.3	7.3	4.0	4.0	6.0

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	26 Bewitched	5.9	7.5	7.3	7.7	7.7	4.3	5.3	6.3
	27 Freedom II	5.9	7.3	8.0	6.7	4.7	7.7	6.3	6.3
	28 AKB-449	5.9	7.5	7.3	7.7	7.7	7.7	5.0	8.3
	29 A03-51	5.9	6.8	6.7	7.0	7.0	6.3	5.0	5.3
	30 Everest	5.9	6.3	6.3	6.3	6.7	8.0	5.3	7.0
	31 K7-39	5.9	7.3	8.0	6.7	8.0	7.0	1.7	8.0
	32 Mystere	5.9	7.3	7.3	7.3	7.7	7.7	5.3	7.7
	33 Solar Eclipse	5.9	7.2	7.0	7.3	5.3	7.3	4.3	6.0
	34 Liberator	5.8	6.7	6.3	7.0	4.7	8.0	6.3	6.7
111	35 Total Eclipse	5.8	6.7	6.7	6.7	5.7	7.0	3.3	6.7
	36 A01-1106	5.8	5.8	6.0	5.7	6.3	4.3	5.7	8.7
	37 H01-700	5.8	7.7	7.3	8.0	8.0	6.7	3.0	7.0
	38 Spitfire	5.8	7.2	7.0	7.3	7.3	3.7	4.7	6.0
	39 Bedazzled	5.8	7.0	6.7	7.3	7.3	3.0	4.7	6.7
	40 A04-1375	5.8	6.7	5.7	7.7	8.0	2.0	2.7	7.7
	41 A08-1	5.8	6.5	6.7	6.3	7.3	6.7	2.7	5.7
	42 A00-3037	5.8	8.5	8.3	8.7	8.3	6.3	5.0	8.0
	43 A03TB-938	5.8	7.7	7.7	7.7	7.7	7.0	5.0	7.7
	44 A06-26	5.8	7.3	7.0	7.7	7.0	5.3	3.3	5.3
	45 A08-2	5.8	7.2	7.0	7.3	7.7	6.3	3.0	4.3
	46 K4-8	5.8	7.2	7.7	6.7	7.0	6.0	2.3	7.3
	47 Zinfandel	5.7	7.7	7.3	8.0	6.3	5.3	4.7	5.7
	48 A06-8	5.7	7.3	7.3	7.3	7.7	5.0	2.7	5.7
	49 A99-447	5.7	7.0	6.7	7.3	6.7	6.3	5.0	6.0
	50 Alexa II	5.7	6.8	6.7	7.0	4.7	7.0	5.0	6.7

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	51 A08-9	5.7	7.7	7.7	7.7	8.0	3.0	5.0	6.0
	52 RAD-914	5.7	7.7	8.0	7.3	6.7	7.7	5.3	7.7
	53 A03TB-589	5.7	7.0	7.0	7.0	7.0	6.7	7.3	6.7
	54 Ridgeline	5.7	5.8	5.0	6.7	6.0	4.7	2.7	5.0
	55 Courtyard	5.7	6.3	6.0	6.7	6.0	7.3	3.3	6.7
	56 A04-69	5.6	7.7	7.7	7.7	7.7	8.0	6.3	7.0
	57 RAD762	5.6	7.5	7.0	8.0	8.0	3.0	7.3	8.7
	58 A06-33	5.6	7.8	7.7	8.0	8.0	2.3	3.0	7.0
	59 1A4-311	5.6	7.2	7.0	7.3	7.7	6.5	2.0	7.3
112	60 Argos	5.6	7.2	6.7	7.7	7.7	3.3	4.7	7.0
	61 A04-46	5.6	7.3	7.3	7.3	7.0	6.7	6.0	7.3
	62 RAD-849	5.6	7.3	6.7	8.0	7.7	7.7	6.7	8.3
	63 A03-84	5.6	7.0	7.0	7.0	7.0	3.3	4.0	6.7
	64 109-996	5.6	6.8	6.7	7.0	6.7	4.0	5.0	8.3
	65 A05-314	5.6	6.8	6.3	7.3	7.3	5.0	6.0	7.3
	66 A06-46	5.6	6.8	7.0	6.7	6.3	7.0	1.3	7.3
	67 Everglades	5.6	6.5	6.3	6.7	5.0	7.7	5.3	6.3
	68 4-Season	5.6	6.2	6.0	6.3	5.7	5.0	4.0	6.7
	69 A05TB-382	5.5	7.8	7.0	8.7	8.3	6.3	5.3	7.7
	70 A98-363	5.5	7.3	6.7	8.0	8.0	6.3	2.7	7.0
	71 H02-647	5.5	5.0	4.0	6.0	6.0	2.7	2.7	6.7
	72 A99-2897	5.5	7.5	7.3	7.7	7.3	3.7	4.0	5.0
	73 RAD-600	5.5	7.5	7.3	7.7	7.7	5.0	2.7	6.7
	74 RAD-897	5.5	6.5	7.3	5.7	4.0	5.5	5.3	8.0
	75 Arrowhead	5.5	5.5	5.7	5.3	7.0	6.7	4.7	5.3

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	76 H03-556	5.5	8.5	8.3	8.7	8.7	6.0	6.3	8.7
	77 K7-31	5.5	7.5	7.7	7.3	7.3	5.5	2.0	7.0
	78 A05-361	5.5	7.2	7.0	7.3	6.7	7.0	6.3	7.7
	79 NuGlade	5.5	6.8	6.3	7.3	5.7	7.3	4.7	5.7
	80 A99-269	5.5	6.7	6.3	7.0	7.7	3.7	5.7	4.3
	81 A03TB-939	5.5	6.3	6.7	6.0	5.7	7.3	5.0	6.7
	82 A06-19	5.4	7.3	7.3	7.3	7.0	5.7	1.3	5.0
	83 Diva	5.4	7.3	7.0	7.7	7.7	5.7	5.0	4.0
	84 A04-1347	5.4	7.2	7.7	6.7	6.3	5.7	5.7	7.3
	85 Alpine	5.4	7.2	7.0	7.3	7.3	6.7	6.3	7.7
	86 A06-40	5.4	6.8	6.3	7.3	7.3	2.0	3.7	6.3
	87 Blue-Sation	5.4	6.7	6.3	7.0	7.3	4.0	5.3	6.7
	88 TD-4	5.4	6.5	7.0	6.0	4.3	4.0	4.7	8.0
	89 Yankee	5.4	6.5	6.0	7.0	7.3	7.0	4.7	7.7
	90 PP-34736-04	5.4	6.0	5.3	6.7	6.7	5.7	3.7	6.7
	91 A99-3182	5.4	7.7	7.7	7.7	7.7	7.5	4.7	8.0
	92 A08-317	5.4	7.5	7.3	7.7	7.7	4.7	2.7	6.0
	93 OAN64	5.4	7.5	7.0	8.0	8.0	5.0	6.3	6.3
	94 A08-4	5.4	7.0	6.3	7.7	7.7	4.7	4.0	6.3
	95 A00-4199	5.4	6.8	7.3	6.3	6.0	5.7	3.0	6.3
	96 RAD-803	5.4	7.7	7.7	7.7	7.7	6.3	1.7	7.3
	97 Volt	5.4	7.5	7.0	8.0	8.3	2.7	6.7	8.3
	98 PSG 366-6	5.4	7.3	6.7	8.0	8.0	5.0	3.0	5.3
	99 A05-894	5.4	7.2	7.3	7.0	7.0	3.0	2.7	7.3
	100 STR 2324	5.4	6.8	6.7	7.0	7.0	4.3	2.3	5.0

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
101	K4-16	5.4	6.3	6.0	6.7	5.7	4.7	3.7	7.0
102	A02-1429	5.4	6.0	4.3	7.7	7.3	3.7	4.7	8.7
103	A04TB-338	5.3	7.5	7.7	7.3	7.7	6.0	3.7	5.3
104	Cabernet	5.3	7.2	7.3	7.0	6.7	6.3	4.3	7.7
105	RAD-50	5.3	7.0	6.7	7.3	8.0	7.0	4.0	8.3
106	A04-1272	5.3	7.8	7.7	8.0	8.0	3.3	4.0	7.0
107	A05TB-459	5.3	7.2	7.3	7.0	7.3	6.7	3.7	7.3
108	A08-5	5.3	7.2	7.0	7.3	8.3	3.0	4.0	5.7
109	103-651	5.3	6.7	6.7	6.7	7.3	4.7	6.0	2.7
110	K8-80 NL	5.3	6.0	5.3	6.7	6.0	4.7	3.3	5.7
111	Monte Carlo	5.3	6.0	6.7	5.3	6.7	3.7	5.0	6.0
112	TD-8	5.3	7.5	7.0	8.0	8.0	5.0	5.0	6.3
113	A98-948	5.3	6.7	6.0	7.3	8.0	2.0	5.7	7.3
114	A99-2103	5.3	6.5	6.3	6.7	6.3	5.0	3.7	3.3
115	A04-1260	5.2	7.8	7.3	8.3	8.3	6.7	4.7	6.7
116	Pick 366	5.2	7.5	7.0	8.0	8.0	4.7	3.0	6.7
117	RAD-843	5.2	7.3	6.7	8.0	8.0	7.0	2.3	8.3
118	Gaelic	5.2	7.0	6.3	7.7	7.7	3.3	6.0	7.3
119	A95-410	5.2	6.7	6.0	7.3	5.0	3.7	5.3	6.3
120	C-74	5.2	6.7	5.7	7.7	8.0	4.3	3.7	3.7
121	K8-66	5.2	6.2	6.3	6.0	6.7	6.0	3.0	6.7
122	A00-2969	5.2	7.5	7.0	8.0	8.0	4.7	3.0	6.3
123	Juliet	5.2	7.5	6.7	8.3	8.3	5.0	6.7	7.7
124	Sonoma	5.2	7.0	6.7	7.3	7.3	5.3	5.7	5.3
125	Frontpage	5.2	6.7	6.7	6.7	4.0	6.0	1.7	5.7

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	126 Quantum Leap	5.2	6.2	5.3	7.0	4.0	6.0	3.7	6.0
	127 Touche	5.2	7.7	7.0	8.3	7.3	3.7	4.7	8.0
	128 A05-319	5.2	7.3	6.7	8.0	8.0	5.3	4.0	5.7
	129 BD95-1930	5.2	7.2	6.7	7.7	8.3	3.0	5.7	8.0
	130 1A4-1103	5.2	6.2	6.0	6.3	7.7	4.0	2.3	6.3
	131 Ginney II	5.2	6.2	6.0	6.3	3.3	7.3	5.7	6.7
	132 RAD-457	5.2	6.2	5.7	6.7	6.0	7.0	5.3	5.7
	133 A04-1407	5.2	5.7	4.3	7.0	6.7	4.0	3.7	7.0
	134 K8-69	5.1	6.7	6.3	7.0	6.7	6.0	1.3	5.3
115	135 A06-28	5.1	6.5	5.7	7.3	7.7	6.0	2.7	5.0
	136 A99-2950	5.1	6.3	6.0	6.7	6.7	5.3	4.3	7.0
	137 K7-37	5.1	4.8	5.0	4.7	6.7	7.0	3.0	5.0
	138 A06-2	5.1	7.2	7.3	7.0	7.0	6.3	3.0	5.3
	139 P-105	5.1	6.8	6.0	7.7	7.3	2.3	4.0	6.7
	140 104-241	5.1	6.5	7.0	6.0	6.0	4.0	2.0	1.7
	141 RAD-232	5.1	6.2	6.7	5.7	6.7	6.0	5.0	7.3
	142 A08-15	5.1	5.8	5.3	6.3	7.3	3.7	3.3	3.7
	143 Kingfisher	5.1	5.2	5.3	5.0	6.3	6.0	6.0	6.0
	144 A98-39	5.1	8.3	8.7	8.0	8.3	5.0	1.7	4.7
	145 102-862	5.1	6.7	6.7	6.7	7.3	3.0	1.7	5.7
	146 Fahrenheit 90	5.1	6.7	6.3	7.0	7.3	6.0	4.7	7.0
	147 RAD-507	5.1	6.7	6.3	7.0	6.7	7.0	4.0	5.0
	148 K4-5	5.1	6.3	6.0	6.7	8.3	6.7	3.0	8.3
	149 A02-1428	5.0	7.0	7.0	7.0	7.3	6.0	4.7	8.0
	150 A08-6	5.0	6.8	6.7	7.0	7.3	3.3	4.3	3.7

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
151	A06-682	5.0	6.5	6.0	7.0	6.7	6.3	3.0	9.0
152	A93-201	5.0	6.5	6.3	6.7	6.7	3.3	5.3	7.3
153	RAD-892	5.0	5.8	5.3	6.3	4.3	7.5	3.0	5.3
154	RAD-928	5.0	5.2	5.7	4.7	5.0	7.0	5.0	8.3
155	A04TB-258	5.0	7.8	8.0	7.7	7.7	5.7	1.7	6.7
156	A05TB-396	5.0	7.5	7.3	7.7	7.7	6.0	5.7	7.0
157	K4-15	5.0	7.5	7.3	7.7	7.7	.	1.0	5.0
158	A05-309	5.0	7.3	6.3	8.3	8.3	3.0	2.3	5.7
159	A04-1557	5.0	7.0	7.0	7.0	6.7	5.7	5.0	4.7
160	A04-38	5.0	6.8	5.0	8.7	8.7	5.7	2.3	5.7
161	SR 2109	5.0	6.2	5.3	7.0	7.0	7.7	6.7	8.3
162	A05TB-60	5.0	6.0	6.7	5.3	5.0	5.0	1.7	6.7
163	RAD-640	5.0	4.5	5.7	3.3	4.0	7.5	3.0	4.7
164	T8-13	5.0	7.5	7.3	7.7	7.7	6.0	1.7	6.3
165	103-509	5.0	7.3	7.3	7.3	7.0	4.3	2.7	5.7
166	A05-847	5.0	7.0	6.3	7.7	7.7	6.0	5.0	7.3
167	A98-210	5.0	6.8	6.7	7.0	6.7	3.3	1.7	4.3
168	A03TB-676	5.0	6.2	7.0	5.3	6.0	6.3	5.0	7.0
169	A04-1470	5.0	6.2	5.7	6.7	6.3	3.3	5.0	5.0
170	A98-3366	5.0	6.2	6.0	6.3	7.0	3.0	4.3	8.0
171	A06-632	5.0	6.0	6.0	6.0	7.7	2.3	1.3	7.3
172	RAD-418	4.9	7.8	7.3	8.3	8.3	5.7	4.3	7.7
173	A07-393	4.9	6.7	6.3	7.0	7.7	4.7	7.3	6.0
174	MSP 3769	4.9	6.5	6.0	7.0	5.7	3.0	3.3	4.3
175	RAD-1224	4.9	6.2	6.0	6.3	7.3	6.0	5.0	7.7

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
176	K7-50S	4.9	5.2	5.7	4.7	5.3	7.7	5.7	6.7
177	MSP 3872	4.9	6.8	6.3	7.3	6.3	5.0	3.7	4.0
178	Starburst	4.9	6.7	6.3	7.0	5.7	5.7	2.7	7.7
179	A04-1315	4.9	6.5	7.0	6.0	6.3	5.3	5.0	7.3
180	1G4-68	4.9	4.2	4.3	4.0	6.7	3.0	4.0	7.0
181	A04-391	4.9	7.2	6.7	7.7	7.3	6.0	6.7	7.3
182	A03TB-364	4.9	7.0	7.3	6.7	7.0	5.5	2.3	7.7
183	SR 2109 5,000 ppm	4.9	6.7	6.3	7.0	7.3	7.0	6.3	8.0
184	TD-6	4.9	6.7	6.7	6.7	4.0	4.3	6.3	7.0
185	STR 2485	4.9	5.7	5.0	6.3	6.7	4.3	3.3	3.7
186	MSP 3774	4.9	5.5	5.3	5.7	5.3	4.7	4.7	4.0
187	K8-77 NO	4.9	5.2	4.3	6.0	6.3	4.0	2.0	6.0
188	102-158	4.8	7.0	6.0	8.0	8.0	4.0	3.0	5.7
189	A04-35	4.8	6.8	6.7	7.0	6.7	4.7	2.3	4.7
190	TD-2	4.8	6.3	6.7	6.0	4.0	4.7	4.3	7.7
191	Arcadia	4.8	5.8	5.0	6.7	4.7	6.7	3.7	6.0
192	Julia	4.8	5.0	4.3	5.7	5.3	3.0	2.7	8.3
193	SR 2284	4.8	4.8	4.7	5.0	6.3	5.0	4.0	6.3
194	A00-1193	4.8	7.0	6.7	7.3	7.3	6.0	2.0	4.7
195	104-4	4.8	6.5	6.3	6.7	7.3	4.3	5.0	7.0
196	A03TB-317	4.8	6.5	7.0	6.0	5.3	4.3	3.7	7.7
197	RAD474	4.8	5.5	5.3	5.7	6.7	3.3	5.0	7.3
198	K7-54S	4.8	5.2	6.3	4.0	6.0	5.7	3.7	6.3
199	A08-318	4.8	6.8	7.3	6.3	7.3	6.0	1.7	6.7
200	TX676	4.8	6.5	6.0	7.0	3.3	4.0	5.3	7.7

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	201 RAD-861	4.8	5.8	6.0	5.7	6.0	7.3	6.7	7.3
	202 A00-1395	4.8	5.7	5.7	5.7	7.3	3.0	3.0	2.7
	203 K4-7	4.8	5.0	5.7	4.3	7.3	6.7	2.3	5.7
	204 A07-5	4.7	7.5	7.0	8.0	7.3	3.7	2.3	6.0
	205 Crest	4.7	6.8	6.7	7.0	7.3	5.7	4.3	5.0
	206 SR 2109 10,000 ppm	4.7	6.3	6.0	6.7	6.7	6.0	6.3	8.3
	207 101-92	4.7	5.7	5.3	6.0	7.0	5.0	6.7	7.7
	208 PSG 2677	4.7	5.7	5.7	5.7	4.7	4.7	4.7	7.7
	209 STR 23078	4.7	4.8	5.0	4.7	5.3	6.0	2.7	7.3
	210 A99-2026	4.7	5.8	5.0	6.7	3.3	6.3	3.0	6.7
	211 A07-377	4.7	7.7	7.0	8.3	8.3	1.7	3.0	6.7
	212 A08-8	4.7	6.8	6.7	7.0	7.3	5.7	2.3	5.7
	213 Arrow	4.7	6.8	6.0	7.7	7.3	5.7	1.7	5.0
	214 A01-195	4.6	7.2	6.7	7.7	7.7	3.0	2.3	7.0
	215 K8-63	4.6	7.2	7.3	7.0	7.3	6.0	2.3	5.0
	216 PST-102-1011	4.6	7.2	6.3	8.0	8.0	2.0	1.7	7.3
	217 Bandera	4.6	6.0	5.3	6.7	5.7	6.3	5.3	4.3
	218 Blackberry	4.6	5.8	5.3	6.3	6.7	3.3	6.0	5.7
	219 TD-5	4.6	5.7	5.7	5.7	5.0	5.0	5.3	8.0
	220 A04-387	4.6	7.2	6.7	7.7	8.0	4.3	5.0	7.3
	221 K8-75 NO	4.6	7.0	7.0	7.0	5.7	6.3	3.7	6.7
	222 BD98-1358	4.6	6.2	5.7	6.7	6.7	2.3	4.7	5.3
	223 Brooklawn	4.6	6.2	6.0	6.3	5.7	3.0	3.3	5.7
	224 RAD-931	4.6	5.8	6.3	5.3	6.3	4.5	3.3	5.7
	225 RAD-551	4.5	6.7	6.0	7.3	7.0	7.0	5.3	4.0

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
226	Champagne	4.5	6.2	6.0	6.3	5.0	2.0	6.3	7.0
227	TD-7	4.5	5.8	6.0	5.7	4.3	3.7	5.0	7.7
228	102-371	4.5	4.5	5.3	3.7	6.0	4.0	1.0	6.0
229	K8-81 NO	4.5	4.0	3.7	4.3	6.3	4.3	2.0	5.3
230	Bonaire	4.5	6.8	6.3	7.3	7.0	3.0	3.7	5.7
231	A04-1271	4.5	6.7	6.0	7.3	7.7	6.0	5.3	8.7
232	H01-912	4.5	4.3	4.0	4.7	6.0	2.3	1.7	7.7
233	A05-332	4.5	4.0	3.7	4.3	6.7	4.7	1.7	4.7
234	Bordeaux	4.5	6.2	6.7	5.7	5.7	5.0	6.7	5.0
235	RAD-825	4.5	5.8	4.7	7.0	7.0	6.3	5.0	6.3
236	Baron	4.5	5.5	5.0	6.0	6.0	6.0	3.7	4.3
237	K7-28	4.5	4.8	5.0	4.7	6.3	.	1.0	6.3
238	A08-316	4.4	7.7	8.0	7.3	7.3	.	1.0	6.3
239	PSG 2MSU12	4.4	7.3	7.0	7.7	7.7	5.3	2.0	5.7
240	102-327	4.4	6.8	6.3	7.3	7.0	.	1.0	7.0
241	Mallard	4.4	5.7	5.7	5.7	5.7	6.7	6.0	6.3
242	TD-9	4.4	5.5	5.3	5.7	4.0	5.0	5.7	7.7
243	A04TB-212	4.4	7.2	7.3	7.0	6.7	.	1.3	6.7
244	K7-43D	4.4	7.2	7.0	7.3	7.3	3.7	2.0	7.0
245	104-59	4.4	6.5	5.7	7.3	7.0	5.7	4.3	7.0
246	A99-2377	4.4	6.5	6.7	6.3	7.3	6.0	1.7	2.7
247	A05TB-438	4.4	6.2	5.7	6.7	7.0	4.0	2.3	4.3
248	K7-32	4.4	6.0	6.0	6.0	7.0	7.0	6.0	4.0
249	A04TB-327	4.4	6.2	5.0	7.3	7.3	5.3	1.7	6.0
250	K8-65	4.4	6.2	6.3	6.0	6.7	6.0	1.7	6.3

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	251 A04-383	4.3	7.0	6.3	7.7	7.7	3.7	5.0	8.0
	252 PSG 2MSU11	4.3	6.5	6.7	6.3	7.0	4.3	5.7	6.3
	253 A08-7	4.3	6.3	5.7	7.0	7.0	2.3	2.3	6.0
	254 PSG 2MSU21	4.3	6.2	5.7	6.7	6.7	4.7	5.7	5.0
	255 1GQG-38	4.3	5.8	5.0	6.7	6.7	3.3	3.7	4.0
	256 Cheetah	4.3	5.8	5.3	6.3	6.0	6.0	5.3	7.7
	257 RAD-815	4.3	5.7	5.3	6.0	6.3	7.3	5.3	8.0
	258 MP07	4.3	5.5	5.0	6.0	3.3	5.7	4.3	8.3
	259 A04-1381	4.3	5.0	3.7	6.3	3.7	4.3	4.0	8.7
120	260 PSG2MSU22	4.3	6.7	6.3	7.0	7.3	3.7	5.3	6.3
	261 Touchdown	4.3	5.3	4.3	6.3	6.0	2.7	3.0	8.3
	262 A06-6	4.3	5.2	5.0	5.3	6.3	5.0	1.7	6.0
	263 K8-78 NO	4.3	6.3	6.0	6.7	7.0	7.0	4.3	6.3
	264 A04-1504	4.3	6.2	6.0	6.3	5.7	7.0	4.3	8.0
	265 K8-60	4.2	8.0	7.7	8.3	8.0	7.0	1.0	6.0
	266 A06-659	4.2	7.3	6.3	8.3	8.3	4.0	7.0	6.0
	267 T8-12	4.2	6.8	6.7	7.0	7.3	5.3	2.7	6.0
	268 K7-29	4.2	6.0	7.0	5.0	5.3	4.7	2.3	5.7
	269 SR 2100	4.2	5.8	5.7	6.0	7.0	6.3	3.3	4.7
	270 A04-1452	4.2	6.7	6.0	7.3	4.7	5.7	6.3	8.0
	271 H03-510	4.2	6.3	6.0	6.7	5.3	6.0	6.0	7.0
	272 A05-925	4.2	7.0	7.0	7.0	8.0	4.0	5.7	7.7
	273 STR 2278	4.2	4.8	3.7	6.0	6.7	6.0	1.7	3.0
	274 PST-102-307	4.1	7.0	6.3	7.7	7.7	1.3	2.0	7.3
	275 K8-72	4.1	6.0	6.7	5.3	6.3	8.0	1.3	6.0

(Continued)

Table 7 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
	276 K8-79 GER	4.1	5.3	3.3	7.3	2.0	6.3	1.3	7.3
	277 Eagleton	4.1	7.0	6.7	7.3	5.3	3.3	4.7	7.7
	278 K8-64	4.1	6.3	5.7	7.0	6.7	5.5	1.3	4.0
	279 A00-99	4.1	5.8	5.3	6.3	6.3	6.0	1.3	2.3
	280 Orteo 10,000 ppm	4.1	5.3	3.7	7.0	5.0	3.7	3.3	7.3
	281 A04-1477	4.1	6.5	6.0	7.0	6.3	7.0	4.0	7.7
	282 T8-15	4.0	6.8	6.3	7.3	7.7	6.7	3.7	5.0
	283 Guinness	4.0	5.8	5.3	6.3	5.7	2.7	5.3	6.0
	284 K8-76 NO	4.0	5.8	5.7	6.0	5.3	5.3	3.7	4.3
121	285 K7-58S	3.9	7.2	7.7	6.7	6.7	.	1.0	7.7
	286 A04-13	3.9	6.8	6.0	7.7	3.0	6.0	6.0	7.7
	287 102-965	3.9	5.8	6.3	5.3	5.3	4.0	6.7	8.0
	288 K8-62	3.9	3.2	2.7	3.7	5.7	4.7	1.3	3.7
	289 K8-61S	3.9	6.3	7.3	5.3	7.0	7.7	4.7	7.0
	290 K7-51S	3.9	5.8	4.7	7.0	5.7	6.7	2.3	2.0
	291 A06-698	3.8	6.8	6.0	7.7	7.3	1.7	6.0	7.0
	292 RAD-614	3.8	5.5	5.3	5.7	6.7	4.7	6.0	4.7
	293 A05TB-41	3.8	7.0	7.0	7.0	3.3	3.3	3.3	5.7
	294 A05TB-409	3.8	6.8	7.3	6.3	6.7	4.3	1.3	7.0
	295 105-16	3.8	6.5	6.3	6.7	7.3	3.0	1.3	6.0
	296 STR 2553	3.8	5.7	4.0	7.3	7.3	.	1.0	1.7
	297 K8-68	3.7	4.2	6.0	2.3	6.3	6.0	1.7	6.7
	298 K7-55S	3.7	7.2	7.0	7.3	6.7	6.5	3.3	2.3
	299 K7-44D	3.7	6.7	7.0	6.3	7.3	3.0	1.7	4.7
	300 STR 2451	3.7	4.7	2.7	6.7	6.7	7.0	1.3	2.3

(Continued)

Table 7 (continued).

Cultivar or Selection	Turf Quality ¹ 2009	Stem Rust ² 2009 Avg.	Stem Rust July 2009	Stem Rust Oct. 2009	Crown Rust ² Oct. 2009	Tenacity Damage ³ Oct. 2008	Establishment ⁴ Oct. 2008	Seed Heads ⁵ April 2009
301 SPTR 2959	3.7	4.3	3.7	5.0	6.0	4.3	1.0	5.0
302 STR 23064	3.7	4.3	3.0	5.7	6.0	4.0	1.0	5.7
303 A04-1234	3.6	6.2	5.3	7.0	5.7	5.0	5.3	6.0
304 Orteo	3.6	4.3	3.0	5.7	3.3	5.3	2.0	6.0
305 Orteo 5,000 ppm	3.5	4.2	3.3	5.0	5.0	3.5	2.3	6.7
306 1T5-16	3.5	6.7	6.3	7.0	7.0	3.0	1.0	6.0
307 America	3.3	5.3	4.3	6.3	5.0	.	1.3	2.7
308 Ulysses	3.3	1.8	1.7	2.0	6.7	4.0	1.7	5.7
309 AM1	3.1	5.2	4.0	6.3	6.7	6.0	3.3	3.3
310 H03-546	3.1	4.8	3.3	6.3	5.3	6.0	6.7	7.3
311 K7-59S	2.9	6.7	6.3	7.0	7.0	6.0	1.0	5.3
312 Blue-Mazing	2.5	4.0	3.0	5.0	6.3	.	1.0	1.7
313 Boutique	2.3	3.8	2.0	5.7	6.7	.	1.0	5.3
314 STR 2509	2.0	4.2	3.7	4.7	5.3	.	1.0	1.7
315 A04TB-7	1.9	5.5	4.3	6.7	7.3	.	1.0	5.7
316 STR 235	1.7	6.0	5.0	7.0	6.7	.	1.0	4.0
317 K7-57S	1.7	5.2	4.7	5.7	6.0	.	1.0	5.3
318 STR 2332	1.0	3.5	3.0	4.0	5.7	.	1.0	4.0
LSD at 5% =	0.8	1.2	1.5	1.6	1.7	2.2	1.6	1.6

¹9 = best turf quality²9 = least disease³9 = least chemical damage⁴9 = best establishment⁵9 = fewest seed heads

Table 8. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2008 at North Brunswick, NJ.

Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
1 Eagleton	6.4	9.0	7.0
2 Mystere	6.1	8.7	5.7
3 Blue Note	6.0	7.3	6.7
4 H03-556	6.0	8.7	7.3
5 A00-3037	6.0	8.3	7.3
6 A05-261	6.0	8.0	6.3
7 MSP-3774a	6.0	8.7	5.7
8 RAD 762	6.0	9.0	7.3
9 A05-314	6.0	8.0	5.3
10 A05TB-386	5.9	6.7	6.0
11 Juliet	5.9	8.7	7.3
12 Bewitched	5.9	8.0	4.7
13 Blue-Station	5.9	7.3	4.7
14 Ginney II	5.8	8.0	4.3
15 A04-74	5.8	9.0	5.0
16 A06-8	5.7	7.0	5.7
17 Bedazzled	5.7	8.3	5.7
18 A04-69	5.7	8.7	5.3
19 A00-1395	5.7	8.7	5.3
20 AKB 449	5.7	8.3	5.3
21 A04-93	5.7	7.7	5.7
22 A04-46	5.7	7.3	4.0
23 TX 676	5.6	9.0	7.3
24 103-585	5.6	7.7	5.0
25 A05-361	5.6	8.0	6.3
26 A03-84	5.6	6.0	5.3
27 A06-26	5.6	7.3	4.7
28 30773-03	5.5	7.7	5.7
29 A99-2950	5.5	8.7	5.3
30 A99-2950	5.5	7.7	5.3
31 Solar Eclipse	5.5	8.3	3.7
32 Yankee	5.5	8.0	6.0
33 BD95-1930	5.5	8.0	6.3
34 Alexa II	5.5	7.3	3.3
35 Diva	5.5	7.3	4.3

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
36 A03-68	5.5	7.3	5.0
37 A04-383	5.5	9.0	4.7
38 Award	5.5	7.0	3.3
39 A05-314	5.4	7.7	5.3
40 2224-3	5.4	7.7	5.0
41 A04-1470	5.4	7.0	4.7
42 Everest	5.4	7.7	4.3
43 MSP-3769	5.4	7.0	5.3
44 1QG-38	5.4	7.7	4.3
45 A04-49	5.4	6.3	4.7
46 A04-391	5.4	9.0	7.0
47 A04TB-258	5.4	6.0	6.0
48 Zinfandel	5.4	7.3	4.3
49 Gaelic	5.4	6.7	5.0
50 30772-03	5.4	8.3	4.7
51 Nu Destiny	5.4	8.0	3.0
52 MSP-3872	5.4	7.0	4.7
53 Hampton	5.4	8.0	6.7
54 A00-99	5.4	5.7	4.7
55 A01-1107	5.3	8.3	5.7
56 Aries	5.3	8.3	5.3
57 Liberator	5.3	8.7	3.3
58 Nu Chicago	5.3	8.0	5.0
59 A05TB-382	5.3	7.0	5.3
60 A05TB-396	5.3	7.7	3.7
61 A03-51	5.3	7.3	4.3
62 A02-103	5.3	7.3	5.7
63 Monte Carlo	5.3	7.7	5.3
64 K8-66	5.3	7.7	5.7
65 A05-847	5.3	8.7	6.7
66 109-996	5.3	8.7	6.0
67 A08-9	5.2	8.0	6.0
68 Nu Glade	5.2	7.7	3.3
69 Cabernet	5.2	7.3	6.7
70 Blueberry	5.2	6.0	4.3

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
71 K7-50S	5.2	7.7	5.3
72 P-105	5.2	8.0	4.3
73 Freedom III	5.2	7.3	4.0
74 A95-410	5.2	7.0	4.7
75 104-59	5.2	7.0	5.7
76 K8-61S	5.2	7.7	4.3
77 A06-40	5.2	8.3	6.3
78 A06-2	5.2	8.0	4.7
79 Nu Blue Plus	5.2	8.7	4.3
80 K8-75 NO	5.2	5.7	5.3
81 A04-1315	5.1	7.3	5.3
82 A07-25	5.1	7.0	4.7
83 A03TB-1017	5.1	8.0	4.3
84 Volt	5.1	8.3	7.0
85 Courtyard	5.1	8.0	4.7
86 A08-4	5.1	7.3	5.3
87 A05-279	5.1	8.0	4.7
88 102S-117	5.1	7.7	5.0
89 BD98-1358	5.1	6.7	5.3
90 K8-76 NO	5.1	7.7	4.7
91 A08-6	5.1	7.3	5.0
92 A06-33	5.1	8.0	5.3
93 A05-847	5.1	7.7	6.3
94 A99-2103	5.1	6.7	4.7
95 A93-201	5.1	7.3	6.0
96 A00-1400	5.0	6.3	4.3
97 H03-510	5.0	8.7	8.3
98 A04-1381	5.0	7.3	5.3
99 A04-387	5.0	9.0	6.0
100 Julia	5.0	7.3	6.3
101 Fahrenheit 90	5.0	5.7	4.7
102 A04-1375	5.0	8.3	4.7
103 A06-698	5.0	9.0	8.0
104 H02-607	5.0	7.7	5.0
105 A04TB-338	5.0	5.3	4.7

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
106	102-965	5.0	9.0	5.7
107	K7-37	5.0	7.0	4.3
108	A04-77	4.9	9.0	6.0
109	A04-1504	4.9	8.0	5.7
110	Blackberry	4.9	7.7	6.3
111	K8-78 NO	4.9	8.3	7.0
112	A04-1557	4.9	6.3	4.3
113	A04-1375	4.9	7.3	4.7
114	PP-34736-04	4.9	6.7	4.0
115	K8-80 NL	4.9	7.0	4.3
116	A04-1452	4.8	8.3	6.0
117	Everglades	4.8	7.7	3.0
118	A04TB-275	4.8	6.0	5.3
119	Crest	4.8	6.3	3.7
120	103-87	4.8	9.0	6.3
121	K8-62	4.8	6.7	4.3
122	A01-195	4.8	7.3	5.3
123	A05-925	4.8	7.3	7.0
124	Total Eclipse	4.8	8.0	4.0
125	A04-1271	4.8	8.0	3.7
126	Sonoma	4.8	7.0	4.0
127	Champagne	4.8	8.7	7.0
128	Bonaire	4.8	6.7	5.7
129	K7-29	4.8	6.0	4.3
130	A08-2	4.7	7.3	5.0
131	A04-1407	4.7	7.0	5.3
132	H02-608	4.7	6.7	4.3
133	A04-1234	4.7	9.0	8.0
134	Ridgeline	4.7	5.3	4.0
135	K4-7	4.7	6.3	3.7
136	T8-12	4.7	6.0	4.0
137	T8-15	4.7	6.3	4.0
138	A04-1272	4.7	8.0	5.7
139	Arrowhead	4.7	5.7	4.0
140	Guinness	4.7	7.7	6.3

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
141	A98-344	4.7	8.3	5.0
142	Mallard	4.7	7.7	5.0
143	A00-1193	4.7	6.7	3.3
144	A04-1477	4.6	8.3	6.7
145	Brooklawn	4.6	6.3	5.0
146	A08-7	4.6	7.3	6.0
147	H04-13	4.6	9.0	8.0
148	SR 2109 10,000 ppm	4.6	8.7	5.3
149	SR 2109 5,000 ppm	4.6	8.7	6.3
150	Rhythm	4.6	6.7	3.0
151	102-45	4.6	9.0	4.3
152	A04-1347	4.6	7.0	4.0
153	K7-39	4.6	6.3	3.3
154	A08-3	4.5	7.7	3.7
155	A05-894	4.5	6.7	5.7
156	Bordeaux	4.5	7.0	3.7
157	K4-15	4.5	4.7	4.0
158	A98-708	4.5	7.3	4.7
159	4-Season	4.5	5.7	4.0
160	K4-16	4.5	8.0	5.3
161	H02-647	4.5	8.3	5.0
162	A03TB-317	4.5	6.0	4.0
163	Orfeo 10,000 ppm	4.5	6.3	4.3
164	A00-2969	4.5	6.7	6.0
165	A08-5	4.4	8.7	5.0
166	A04-1407	4.4	6.7	5.7
167	A99-2377	4.4	6.3	4.0
168	1556-2	4.4	6.0	5.0
169	MP07 KBG	4.4	7.3	5.3
170	TD-8 JP-08	4.4	7.0	5.7
171	1A4-311	4.4	5.7	4.0
172	A08-1	4.4	6.0	5.0
173	K7-54S	4.4	7.3	4.0
174	A06-24	4.4	6.0	4.3
175	PSG 366-6	4.3	7.3	5.7

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
176	OAN 64	4.3	8.3	5.3
177	Bedazzled	4.3	4.7	4.3
178	103-651	4.3	7.7	4.7
179	A03TB-364	4.3	5.0	3.7
180	Touchdown	4.3	8.7	6.0
181	A05TB-60	4.2	5.0	4.0
182	SR 2100	4.2	8.3	4.7
183	K7-32	4.2	7.7	4.7
184	K7-51S	4.2	5.7	3.0
185	A99-2026	4.2	6.7	5.3
186	RAD 614	4.2	7.7	4.0
187	Orfeo 5,000 ppm	4.2	6.0	4.3
188	K8-60	4.2	6.3	4.7
189	A06-24	4.2	6.0	4.0
190	101-92	4.1	9.0	4.0
191	H03-546	4.1	9.0	7.7
192	A08-8	4.1	6.3	4.7
193	102-862	4.0	6.0	3.0
194	K4-5	4.0	5.3	4.3
195	K7-28	4.0	4.3	3.3
196	A06-6	4.0	7.0	4.3
197	H03-546	4.0	9.0	8.0
198	A03TB-589	4.0	8.0	5.3
199	Pick 366	3.9	6.0	5.3
200	K4-8	3.9	4.7	3.3
201	102-158	3.9	6.3	4.3
202	1477-11	3.9	4.7	4.0
203	104-4	3.9	5.7	4.3
204	A05TB-459	3.8	5.7	4.3
205	1A4-1103	3.8	6.0	3.7
206	A07-5	3.8	6.7	5.0
207	TD-4 JP-08	3.8	7.0	5.7
208	102-327	3.8	4.7	4.0
209	K8-63	3.8	6.0	5.0
210	K8-77NO	3.8	5.3	3.3

(Continued)

Table 8 (continued).

	Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
211	A03TB-1045	3.7	6.0	3.7
212	Baron	3.7	5.0	3.3
213	1586-11	3.7	5.0	3.7
214	A05TB-438	3.7	5.3	3.7
215	K7-44D	3.7	6.0	3.0
216	TD-7 JP-08	3.6	7.3	4.7
217	1G4-68	3.6	7.7	5.3
218	PST-102-307	3.6	7.0	5.3
219	Arrow	3.6	5.3	4.7
220	102-371	3.6	5.7	3.0
221	K8-64	3.6	6.0	4.7
222	TD-2 JP-08	3.5	8.0	5.3
223	103-509	3.5	5.7	3.7
224	K8-81 NO	3.5	4.7	3.7
225	TD-9 JP-08	3.5	8.0	5.7
226	A05-332	3.5	6.0	4.3
227	K7-31	3.5	6.3	4.3
228	America	3.4	2.3	3.7
229	A05TB-41	3.4	5.7	3.7
230	Winter Blue	3.4	5.7	5.3
231	K8-79 GER	3.4	5.7	4.0
232	H04-185	3.3	6.7	6.0
233	A05TB-327	3.3	4.0	3.7
234	105-16	3.3	4.3	3.3
235	TD-5 JP-08	3.2	8.0	5.0
236	RAD 474	3.2	8.0	4.7
237	K7-58S	3.2	4.0	4.0
238	K7-55S	3.2	6.7	3.3
239	TD-6 JP-08	3.1	8.0	5.0
240	K8-68	3.1	5.3	4.3
241	K7-59S	3.0	3.3	3.7
242	1T5-16	2.9	3.3	3.3
243	K7-43D	2.8	6.3	4.7
244	K8-65	2.8	5.3	5.3
245	Blue-Mazing	2.7	1.3	4.0
246	Boutique	2.6	1.3	3.7
247	AM-1 JP-08	2.5	5.7	3.3
248	K7-57S	2.4	2.3	4.7

(Continued)

Table 8 (continued).

Cultivar or Selection	Turf Quality ¹ 2009	Establishment ² Oct. 2008	Spring Green-up ³ April 2009
LSD at 5% =	0.8	1.5	1.6

¹9 = best turf quality

²9 = best establishment

³9 = earliest spring green-up

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

	2006		2007		2008		2009	
	N ¹	Ht ²	N	Ht	N	Ht	N	Ht
Table 1 (2005 Adelphia).....	3.5	1.5	2.3	1.5	2.3	1.5	2.3	1.5
Table 2 (2005 North Brunswick)	2.2	1.5	2.3	1.5	2.7	1.5	0.8	1.5
Table 3 (2006 Adelphia).....			2.8	1.5	4.3	1.5	3.8	1.5
Table 4 (2006 North Brunswick)			3.6	1.5	2.7	1.5	2.1	1.5
Table 5 (2007 Adelphia).....					3.8	1.5	4.5	1.5
Table 6 (2007 North Brunswick)					2.7	1.5	2.1	1.5
Table 7 (2008 Adelphia).....							4.0	1.5
Table 8 (2008 North Brunswick)							2.5	3.0

¹ Annual N applied (lb/1000 ft²)

² Mowing height in inches