

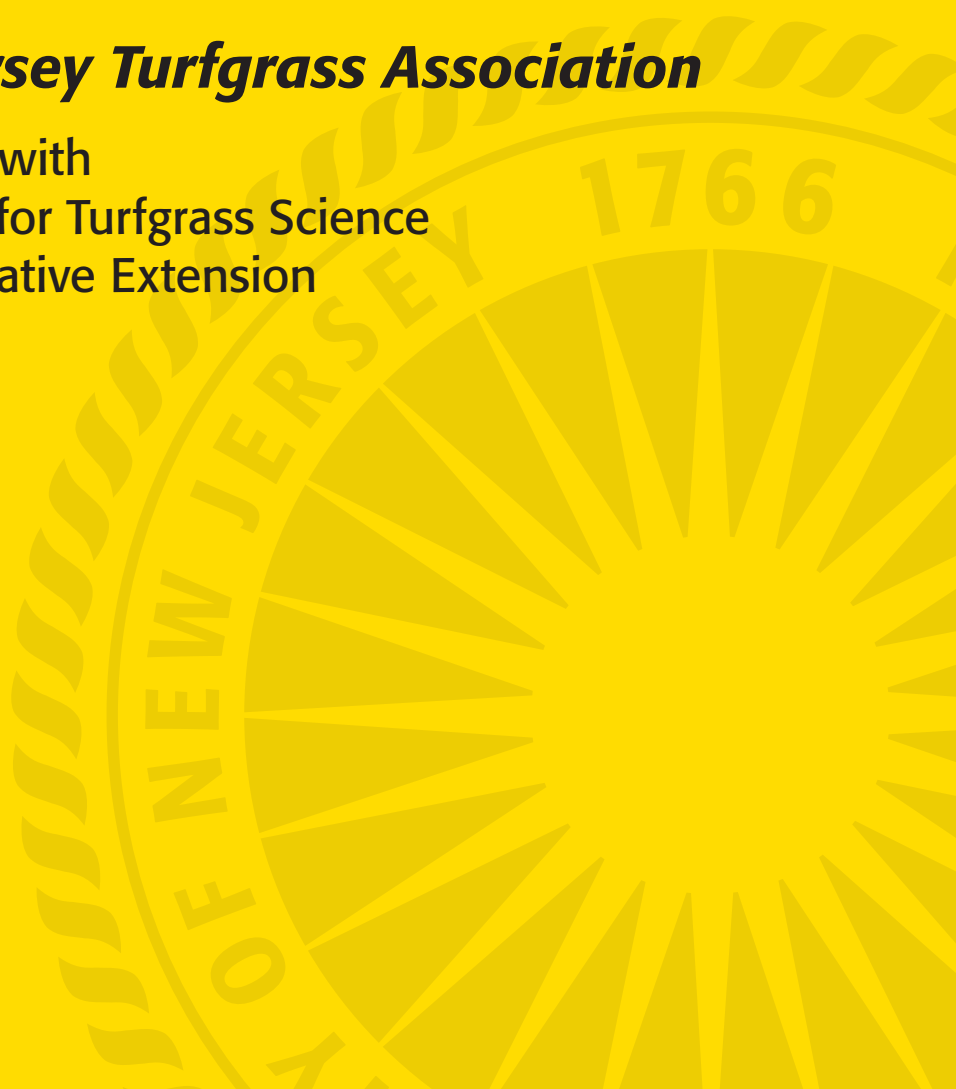
# RUTGERS

New Jersey Agricultural  
Experiment Station

## **2008 Turfgrass Proceedings**

***The New Jersey Turfgrass Association***

In Cooperation with  
Rutgers Center for Turfgrass Science  
Rutgers Cooperative Extension



# **2008 RUTGERS TURFGRASS PROCEEDINGS**

**of the**

**New Jersey Turfgrass Expo**

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**Atlantic City, New Jersey**

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

This publication includes lecture notes of papers presented at the 2008 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  
Dr. Bruce B. Clarke, Coordinator

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

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Kentucky bluegrass (*Poa pratensis* L.) is one of the most widely used cool-season turfgrasses in the northern United States and Canada. Kentucky bluegrasses can develop dense stands of dark green turf with clean mowing quality in a wide range of soils and climates. The extensive rhizome system of this turfgrass provides excellent sod strength as well as the ability to recuperate after stress periods and fill in damaged areas quickly. As a result, Kentucky bluegrass is used on more than 35 million acres of pasture and on over 40 million lawns in the northeastern and northcentral United States, as well as in large areas of Canada and Europe (Duell, 1985). The grass has also become a staple species for use on sports turf where safety and playability are of utmost importance.

Kentucky bluegrass topped the list of fairway grasses for golf courses in temperate climates during the early 1900s (Piper and Oakley, 1917). However, after fairway mowing heights were reduced below 0.75 inch, Kentucky bluegrass was not competitive against invasion of annual bluegrass (*Poa annua* L.) and was more susceptible to summer patch (caused by the fungus *Magnaporthe poae*) (Dernoeden, 1997). These weaknesses, along with slow establishment rates, reduced the popularity of Kentucky bluegrasses for use in fairways, especially as improved perennial ryegrasses (*Lolium perenne* L.) and creeping bentgrasses (*Agrostis stolonifera* L.) became available. The recent pandemics of gray leaf spot (caused by the fungus *Pyricularia grisea*), resulting in severe damage of perennial ryegrass fairways on golf courses, has renewed interest in use of Kentucky bluegrass for roughs and fairways. Novel methods of annual bluegrass control in Kentucky bluegrass turf stands have recently been registered and could potentially increase the overall utility of this species. Kentucky bluegrasses are also being 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.

Kentucky bluegrass cultivars have been developed through a number of approaches that include: i) selection of naturalized ecotypes or highly apomictic plants found in old pastures or turfs; ii) blending of highly apomictic single plants (called composites); and iii) selection of single, highly apomictic plants from breeding programs using intraspecific (within species) and interspecific (between species) hybridization.

Kentucky bluegrasses can exhibit poor performance during summer months, especially in the transition zone, due to heat and drought stress combined with insect and disease pressure. Currently, the Rutgers turfgrass breeding program is screening germplasm for improved root production under heat stress, leading to new cultivars with improved summer stress performance. In addition, the program has utilized interspecific hybridization to improve summer stress tolerance. The breeding program is developing Kentucky bluegrass with the valuable traits of Texas bluegrass (*Poa arachnifera* Torr.) through hybridization and introgression.

Texas bluegrass, native to Texas and parts of Oklahoma, is a dioecious species that is more tolerant

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of heat and drought stress than Kentucky bluegrass. Texas x Kentucky bluegrass crosses were made as early as 1908 by George H. Oliver, who noticed a wide variation in first generation hybrids including plants that were more heat and drought tolerant and more productive than Kentucky bluegrass (Vinall and Hein, 1937). This 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. Decreased potable water sources and increased restrictions on water for amenities has increased the demand for ecologically friendly “green” cultivars that require fewer inputs than other turfgrass species.

The Kentucky bluegrass improvement program at Rutgers involves extensive field evaluation of collections from the United States, Europe, and Asia, new material developed in the breeding program, as well as cultivars and selections developed by other breeders. Ongoing collections of turfgrasses from centers of origin or naturalized stands in stressful environments have enhanced the diversity of germplasm used in the Kentucky bluegrass hybridization program. 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 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 trials were seeded in September from 2004 to 2007 at the Rutgers Horticultural Research Farm II in North Brunswick, NJ or at the Rutgers Plant Biology and Pathology Research and Extension Farm at Adelphia, NJ (Tables 1 to 9). All tests were conducted under medium-high maintenance regimes. The soils at the two research farms are moderately fertile and well drained.

Entries in each test were sown by hand using a maximum of 0.53 oz of seed per 3 x 5 ft plot (2.2 lb/1000 ft<sup>2</sup>). 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 10. The amount of nitrogen

applied varied between tests to permit the evaluation of characteristics known to respond to nitrogen level. No single nitrogen application exceeded 0.75 lb/1000 ft<sup>2</sup>. Mowing was frequent enough to avoid scalping and the accumulation of clippings. Reel mowers were used to maintain a height of 1.5 inches.

After establishment, annual weeds were controlled using a spring or fall application of Dimension (dithiopyr), and broadleaf weeds were controlled with a fall or spring application of 2,4-D, dicamba, or MCPP. At Adelphia in the 2006 Kentucky bluegrass test (Table 7), Manage (halosulfuron) was used to control yellow nutsedge. In both locations, Malice or Merit (imidacloprid) was applied in August to control grubs. Soil pH was maintained between 6.0 and 6.5 with agricultural limestone, depending on soil test results. Tests were irrigated during establishment and also when needed to avoid severe drought stress.

Traffic stress was applied to the 2004 Kentucky bluegrass tests at North Brunswick and Adelphia using a novel wear simulator developed at Rutgers University. At North Brunswick (Table 1), wear was applied on 30 May, 2 and 30 June, and 5 and 9 July at 8, 4, 6, 4, and 4 passes, respectively, for a total of 26 passes throughout the spring and summer of 2008. At Adelphia (Table 2), wear was applied on 13 and 18 August and 11 and 16 September at 4 passes each, for a total of 16 passes throughout the summer of 2008.

All tests were rated frequently throughout the growing season for turf quality. Components of quality include color, brightness, leaf texture, density, uniformity, and damage due to diseases and insects. Other characteristics evaluated separately when differences became evident included spring green-up (Tables 2 and 5), leaf spot (Table 5), establishment (Tables 8 and 9), worn turf quality (Tables 1 and 2), color (Tables 5 and 8), and winter color (Tables 1 and 5). 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 individual preferences toward a particular trait.

## RESULTS

Results are presented in Tables 1 through 9. Entries are ranked according to their overall (multi-year) quality average except in Table 1, which was ranked

by average worn turf quality, and Table 5, which is ranked by the overall quality average within each Kentucky bluegrass classification type. Additional characteristics observed in various tests as well as descriptions and observations of the classification types, as per Table 5, are discussed below.

### Spring Green-up

This trait is obvious during late winter or early spring and reflects the wide range of genetic diversity within Kentucky bluegrass (Tables 2 and 5). This trait is important where early green color is desired. Cultivars that greened up early in the season include Washington, Bellissimo, Cabernet, Moonstruck, Blue Angel, Mystere, and Jump Start. Cultivars that were typically late to green up include Tsunami, Rhythm, Midnight, and Midnight II. 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.

### Leaf Spot

Leaf spot (caused by the fungus *Drechslera poae*) is a foliar disease that affects Kentucky bluegrass primarily under the cloudy wet conditions of spring. Differences in tolerance to this disease were evident among many of the cultivars and selections tested (Table 5). Leaf spot is often associated with low carbohydrate levels in the leaf tissue. Cultivars that green up early in the spring use stored carbohydrates and can be more susceptible to leaf spot; a good example of this relationship can be seen in the cultivars Blue Angel and Moonstruck (Table 5). Cultivars that green up later often have more stored carbohydrates and better tolerate this disease (Smiley, 2005); Blackstone and Midnight II (Table 5) are good examples of this response. Some cultivars and selections with good resistance to leaf spot include Serene, Blackstone, Glenmont, Blueberry, Avid, North Star, Midnight II, and Everglade. Other cultivars and selections susceptible to leaf spot include Moonstruck, Blue Angel, and High Noon.

### Summer Patch

Summer patch, a root disease, can cause severe damage to Kentucky bluegrass turf. The disease is most severe on turf managed at a low mowing height in combination with high nitrogen fertility. In addition, turfs grown on heavily compacted soils that have a high pH are likely to appear more damaged. Some cultivars and selections with good resistance to summer patch include Midnight, Mystique, Princeton P-105, Mystere, Blue Note, and Bewitched. Although not many commercially available cultivars were included in the 2006 North Brunswick trial, many selections were susceptible to summer patch during 2008, including A03TB-411, A03TB-334, and A04-1373 (Table 6).

### Stem Rust

Stem rust (caused by the fungus *Puccinia graminis*) is a severe disease of Kentucky bluegrass, especially in the immature stages immediately after emergence. Symptoms are observed as brick red flecks on infected leaf tissue; eventually the epidermis ruptures, releasing red-orange spores, and the leaf dies. Some Kentucky bluegrass cultivars and selections with good resistance to stem rust include Thorough-Blue, Avalanche, Princeton P-105, and Moonshadow. Other cultivars and selections susceptible to stem rust include Rhythm, Emblem, Ulysses, Cadet, and Corsair (Table 9).

### Establishment

Rapid establishment is important to consumers, sod-growers, and other turf managers who establish Kentucky bluegrass from seed. Kentucky bluegrass is one of the slowest cool-season grasses to establish a mature stand. Establishment can be influenced by factors such as genetics, seed quality, environment, management practices, and after-ripening dormancy. Some cultivars that exhibited rapid establishment in New Jersey in 2008 include Avalanche, Aura, Thorough-Blue, Moonshine, and Jump Start. However, Hawman, Diva, Dynamo, and Princeton P-105 were slow to establish (Tables 8 and 9). 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. Generally, a dense stand is the first defense against weed encroachment.

### **Worn Turf Quality**

Kentucky bluegrass is used extensively for sports fields in the temperate areas of the world due to its ability to spread laterally through rhizomes. Rhizomes help the turf recover from traffic stress. As a result, the demand for traffic tolerant Kentucky bluegrass has continued to rise due to increased use of sports fields, parks, golf courses, and other recreational areas (Park et al., 2005). Kentucky bluegrass is highly variable in its ability to withstand and recuperate from traffic. Worn turf quality can be used to assess turf performance under wear. Some cultivars and selections that exhibited better wear tolerance include Harmony, Bewitched, Thorough-Blue, and Washington; those that performed poorly include SR 2100, Blue Chip, Baron, Dragon, Everest, and many Texas x Kentucky bluegrass hybrids (Tables 1 and 2).

### **Genetic Color**

Genetic color is a readily observed characteristic of Kentucky bluegrass that demonstrates the broad genetic diversity that exists within the species. Many professional sod growers, landscapers, and consumers are interested in the intensity of a cultivar's green color during the growing season (Tables 5 and 8). Cultivars that are darker green during the growing season include Yankee, Blueberry, Moon Beam, and Moonlight SLT, whereas others that are lighter green include Eagleton, Moonstruck, Jump Start, and Longhorn (Tables 5 and 8).

In the northern areas of the United States, cool-season grasses often overwinter in a dormant state, leaving the turf stand brown or straw-colored. The retention of green color during these winter months is another aspect of turf quality that may be important to some growers and consumers. Cultivars and selections vary in their retention of green color during the winter months. Some cultivars, such as SR 2284, High Noon, Aura, Glenmont, and Mystere, retained their green color after hard frosts, while others, including Bandera, Midnight, Tsunami, North Star, and Nu Destiny, turned the color of straw (Tables 1 and 5).

## **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 a long winter dormancy, and a purple coloration can be observed on many during cold weather, which is reflected in winter color ratings (Table 5). Winter performance in some cultivars, such as Shiraz, was improved. Entries in this group exhibited good resistance to leaf spot (Table 5), and genetic color during the growing season within this group was acceptable, as the turf quality of some cultivars was very good.

*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 a 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. The resistance to leaf spot of many of the Compact-Midnight Type cultivars, including Midnight, Midnight II, EverGlade, J 2399, and Tsunami, was good (Table 5).

*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. Some cultivars and selections such as Mystere and Glenmont, however, had very good color retention during winter months with little yellow discoloration. Although resistance to leaf spot has been observed within this group, early spring green-up was variable (Table 5).

*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. Two entries, Bandera and Reveille, were formerly classified as Texas x Kentucky bluegrass hybrids, but after extensive field evaluation, it was determined that these cultivars perform similarly to those of the Mid-Atlantic Type. Therefore, in an effort to clarify the grouping system, the Texas x Kentucky bluegrass Hybrid Type has been added to the Mid-Atlantic Type (Table 5).

*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. Other turf characteristics such as spring green-up, winter dormancy and color, and disease susceptibility varied considerably among these cultivars (Table 5).

*Julia Type.* This group is typified by the performance characteristics of the cultivar Julia. Julia Type cultivars had acceptable resistance to leaf spot but did not retain color well in the winter months (Table 5). The entry Rampart was more resistant to leaf spot than Julia or Juliet (Table 5).

*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. Spring green-up was fair within this type, and turf quality was quite variable (Table 5).

*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. In this study, Baron had poor winter color, moderate resistance to leaf spot, and unacceptable quality (Table 5).

*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. Many of these cultivars were selections of naturalized ecotypes found in old pastures of the Midwestern United States. 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.

In the 2005 trial seeded at Adelphia (Table 5) Kenblue was very susceptible to leaf spot, and in general, and may be extensively damaged by this disease during the cool humid conditions of winter and spring. Voyager II, which is an improved Common Type Kentucky bluegrass, exhibited good resistance to leaf spot.

*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 seeded in September 2004 at New Brunswick, NJ.

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           | Worn Turf Quality <sup>2</sup><br>2008 | Winter Color <sup>3</sup><br>March 2008 |
|-----------------------|--------------------------------------|-----------|-----------|-----------|--|---|
|                       | 2005-2007 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. |  |   |
| 1 Rhapsody            | 6.6                                  | 6.6       | 6.8       | 6.3       | 4.9                                    | 6.3                                     |
| 2 A04-49              | 6.5                                  | 5.6       | 6.7       | 7.3       | 7.2                                    | 5.3                                     |
| 3 A03-84              | 6.4                                  | 6.4       | 7.0       | 5.9       | 7.8                                    | 5.0                                     |
| 4 Bewitched           | 6.4                                  | 6.8       | 6.5       | 5.8       | 7.2                                    | 3.7                                     |
| 5 Aura                | 6.3                                  | 5.4       | 6.9       | 6.6       | 5.3                                    | 5.0                                     |
| 6 A04-69              | 6.2                                  | 6.1       | 6.5       | 6.2       | 6.0                                    | 4.0                                     |
| 7 A01-245             | 6.2                                  | 6.2       | 6.5       | 5.8       | 6.9                                    | 5.0                                     |
| 8 Diva                | 6.2                                  | 6.5       | 6.6       | 5.4       | 6.0                                    | 5.0                                     |
| 9 A01-299             | 6.1                                  | 5.8       | 6.5       | 6.0       | 4.9                                    | 5.0                                     |
| 10 A04-67             | 6.0                                  | 5.3       | 6.4       | 6.4       | 5.2                                    | 5.0                                     |
| 11 A04-74             | 6.0                                  | 6.2       | 6.1       | 5.6       | 4.3                                    | 3.0                                     |
| 12 Bedazzled          | 6.0                                  | 6.1       | 6.5       | 5.3       | 5.0                                    | 5.0                                     |
| 13 A99-2758           | 6.0                                  | 5.8       | 6.5       | 5.6       | 3.9                                    | 2.7                                     |
| 14 NuGlade            | 5.9                                  | 5.5       | 6.9       | 5.4       | 4.8                                    | 1.7                                     |
| 15 Cabernet           | 5.9                                  | 5.4       | 6.4       | 5.8       | 6.2                                    | 4.3                                     |
| 16 Washington         | 5.8                                  | 5.9       | 6.7       | 4.8       | 5.0                                    | 5.0                                     |
| 17 A98-210            | 5.8                                  | 5.6       | 6.1       | 5.7       | 5.9                                    | 5.3                                     |
| 18 H98-487            | 5.7                                  | 5.8       | 5.8       | 5.7       | 4.6                                    | 3.3                                     |
| 19 Bravado            | 5.7                                  | 5.7       | 5.8       | 5.7       | 6.0                                    | 5.0                                     |
| 20 A04-46             | 5.7                                  | 5.7       | 6.4       | 5.0       | 6.1                                    | 3.3                                     |
| 21 A04-66             | 5.7                                  | 5.5       | 5.5       | 6.1       | 6.4                                    | 4.0                                     |
| 22 A01-250            | 5.7                                  | 6.1       | 6.0       | 4.9       | 6.1                                    | 4.7                                     |
| 23 A99-2923           | 5.7                                  | 5.8       | 5.5       | 5.7       | 5.0                                    | 3.3                                     |
| 24 Eagleton           | 5.6                                  | 5.5       | 5.8       | 5.6       | 6.7                                    | 4.7                                     |
| 25 A99-523            | 5.6                                  | 6.0       | 5.7       | 5.2       | 5.8                                    | 5.0                                     |
| 26 A04-68             | 5.6                                  | 5.4       | 5.8       | 5.7       | 6.7                                    | 3.7                                     |
| 27 H99-338            | 5.6                                  | 4.8       | 6.1       | 5.9       | 6.4                                    | 3.3                                     |
| 28 A03-137            | 5.6                                  | 6.0       | 5.9       | 4.9       | 6.4                                    | 4.7                                     |
| 29 A01-324            | 5.6                                  | 5.7       | 5.7       | 5.4       | 5.6                                    | 4.7                                     |
| 30 A99-3124           | 5.6                                  | 6.1       | 5.8       | 4.9       | 6.0                                    | 4.7                                     |
| 31 RSP                | 5.5                                  | 5.7       | 6.2       | 4.8       | 8.1                                    | 6.7                                     |
| 32 A04-36             | 5.5                                  | 5.3       | 6.0       | 5.2       | 6.9                                    | 4.3                                     |
| 33 A04-45             | 5.5                                  | 5.3       | 6.0       | 5.1       | 4.3                                    | 2.7                                     |
| 34 A04-71             | 5.5                                  | 5.2       | 5.3       | 5.8       | 6.8                                    | 3.7                                     |
| 35 A99-2352           | 5.4                                  | 5.3       | 5.6       | 5.4       | 6.4                                    | 4.7                                     |

(Continued)

Table 1 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           | Worn Turf Quality <sup>2</sup> | Winter Color <sup>3</sup> March 2008 |
|-----------------------|--------------------------------------|-----------|-----------|-----------|--------------------------------|--------------------------------------|
|                       | 2005-2007 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. |                                |                                      |
| 36 A04-43             | 5.4                                  | 5.0       | 5.6       | 5.7       | 6.4                            | 4.3                                  |
| 37 A99-2108           | 5.4                                  | 5.5       | 5.8       | 4.9       | 5.9                            | 5.0                                  |
| 38 A97-1560           | 5.4                                  | 5.9       | 5.7       | 4.5       | 5.3                            | 5.7                                  |
| 39 H94-467            | 5.4                                  | 5.5       | 5.9       | 4.8       | 8.2                            | 4.7                                  |
| 40 A98-108            | 5.4                                  | 5.6       | 5.3       | 5.3       | 6.0                            | 4.0                                  |
| 41 A04-38             | 5.3                                  | 5.5       | 5.5       | 5.1       | 6.5                            | 4.0                                  |
| 42 A04-72             | 5.3                                  | 5.3       | 5.5       | 5.3       | 5.7                            | 5.0                                  |
| 43 PST-C-74           | 5.3                                  | 5.8       | 5.6       | 4.6       | 5.4                            | 4.3                                  |
| 44 A98-216            | 5.3                                  | 5.3       | 5.4       | 5.3       | 4.8                            | 3.7                                  |
| 45 Princeton P-105    | 5.3                                  | 5.2       | 6.3       | 4.4       | 6.0                            | 2.0                                  |
| 46 A04-48             | 5.2                                  | 4.6       | 5.6       | 5.5       | 7.5                            | 4.7                                  |
| 47 A00-4199           | 5.2                                  | 4.7       | 5.9       | 5.2       | 6.0                            | 2.7                                  |
| 48 A01-247            | 5.2                                  | 5.7       | 5.4       | 4.6       | 5.2                            | 4.7                                  |
| 49 A04-40             | 5.2                                  | 5.0       | 5.4       | 5.2       | 7.0                            | 4.7                                  |
| 50 A04-37             | 5.2                                  | 5.2       | 5.6       | 4.7       | 4.8                            | 4.0                                  |
| 51 A04-39             | 5.2                                  | 5.3       | 5.6       | 4.6       | 4.7                            | 3.7                                  |
| 52 A04-23             | 5.2                                  | 5.5       | 5.3       | 4.7       | 4.4                            | 3.0                                  |
| 53 A99-2852           | 5.1                                  | 4.9       | 5.1       | 5.4       | 6.6                            | 3.7                                  |
| 54 A98-339            | 5.1                                  | 5.8       | 5.2       | 4.4       | 3.6                            | 4.7                                  |
| 55 A04-35             | 5.1                                  | 5.3       | 5.4       | 4.7       | 6.7                            | 4.3                                  |
| 56 A95-418            | 5.1                                  | 5.4       | 5.3       | 4.6       | 4.6                            | 3.7                                  |
| 57 H01-492            | 5.1                                  | 4.4       | 5.6       | 5.4       | 7.0                            | 5.7                                  |
| 58 A99-2933           | 5.1                                  | 5.5       | 5.1       | 4.6       | 4.5                            | 3.0                                  |
| 59 A95-1048           | 5.0                                  | 5.7       | 4.8       | 4.6       | 5.3                            | 5.0                                  |
| 60 A04-33             | 4.9                                  | 5.0       | 5.4       | 4.4       | 6.3                            | 3.3                                  |
| 61 H04-88             | 4.9                                  | 4.5       | 5.3       | 5.0       | 6.8                            | 3.3                                  |
| 62 A04-63             | 4.9                                  | 4.3       | 5.5       | 4.8       | 7.6                            | 5.0                                  |
| 63 A04-22             | 4.8                                  | 4.9       | 5.4       | 4.3       | 4.2                            | 5.0                                  |
| 64 H01-912            | 4.8                                  | 4.0       | 5.6       | 5.0       | 7.8                            | 5.0                                  |
| 65 A04-73             | 4.8                                  | 4.9       | 4.6       | 5.0       | 4.9                            | 5.0                                  |
| 66 U-1885             | 4.8                                  | 4.1       | 5.1       | 5.2       | 7.8                            | 5.7                                  |
| 67 Thorough-Blue      | 4.8                                  | 4.4       | 5.0       | 5.0       | 7.3                            | 4.3                                  |
| 68 A98-689            | 4.8                                  | 4.8       | 5.0       | 4.5       | 4.8                            | 3.0                                  |
| 69 H01-473            | 4.8                                  | 4.2       | 5.3       | 4.8       | 6.0                            | 5.3                                  |
| 70 Sonic              | 4.7                                  | 4.7       | 5.2       | 4.3       | 5.6                            | 2.7                                  |

(Continued)

Table 1 (continued).

| Cultivar or Selection                       | -----Turf Quality <sup>1</sup> ----- |              |              |              | Worn Turf Quality <sup>2</sup><br>2008 | Winter Color <sup>3</sup><br>March 2008 |
|---|--------------------------------------|--------------|--------------|--------------|--|---|
|   | 2005-2007<br>Avg.                    | 2005<br>Avg. | 2006<br>Avg. | 2007<br>Avg. |  |   |
| 71 A03-63                                   | 4.7                                  | 5.3          | 5.1          | 3.8          | 4.9                                    | 4.3                                     |
| 72 Brunswick                                | 4.6                                  | 5.1          | 4.5          | 4.3          | 4.4                                    | 5.0                                     |
| 73 A97-959                                  | 4.6                                  | 4.7          | 5.0          | 4.1          | 4.6                                    | 3.3                                     |
| 74 Wild Horse                               | 4.6                                  | 4.6          | 4.9          | 4.2          | 4.6                                    | 4.0                                     |
| 75 A04-32                                   | 4.6                                  | 4.7          | 4.7          | 4.2          | 6.0                                    | 4.0                                     |
| 76 A93-201                                  | 4.5                                  | 5.2          | 4.6          | 3.8          | 6.5                                    | 4.0                                     |
| 77 A04-31                                   | 4.5                                  | 5.0          | 4.5          | 4.1          | 5.9                                    | 4.7                                     |
| 78 H01-804                                  | 4.5                                  | 3.8          | 4.8          | 4.8          | 5.9                                    | 4.3                                     |
| 79 Bonaire                                  | 4.4                                  | 4.7          | 4.6          | 4.0          | 5.4                                    | 3.3                                     |
| 80 U-2005                                   | 4.4                                  | 4.1          | 4.5          | 4.6          | 3.7                                    | 6.3                                     |
| 81 A04-51                                   | 4.4                                  | 4.6          | 4.8          | 3.8          | 3.1                                    | 3.3                                     |
| 82 A03TB-251 (TB x KB hybrid <sup>4</sup> ) | 4.4                                  | 4.1          | 4.7          | 4.3          | 4.9                                    | 4.7                                     |
| 83 489-2                                    | 4.1                                  | 4.0          | 4.4          | 3.9          | 5.3                                    | 5.7                                     |
| 84 U-1807                                   | 4.0                                  | 3.9          | 4.1          | 4.1          | 3.6                                    | 6.7                                     |
| 85 A03TB-252 (TB x KB hybrid)               | 3.7                                  | 3.3          | 3.8          | 4.0          | 5.6                                    | 5.0                                     |
| 86 A02-976 (TB x KB hybrid)                 | 3.5                                  | 3.4          | 3.8          | 3.3          | 4.1                                    | 4.0                                     |
| 87 A03TB-246 (TB x KB hybrid)               | 3.5                                  | 3.3          | 3.7          | 3.4          | 5.0                                    | 3.7                                     |
| 88 A02-947 (TB x KB hybrid)                 | 3.3                                  | 2.3          | 3.5          | 4.0          | 4.9                                    | 4.0                                     |
| 89 A02-975 (TB x KB hybrid)                 | 2.9                                  | 2.2          | 2.9          | 3.7          | 4.4                                    | 4.0                                     |
| LSD at 5% =                                 | 0.6                                  | 0.7          | 0.8          | 0.8          | 1.6                                    | 1.3                                     |

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

<sup>2</sup>9 = best turf quality with wear applied on 30 May, 2 and 30 June, and 5 and 9 July, 2008 at 8, 4, 6, 4, and 4 passes, respectively (for a total of 26 passes), using a novel wear simulator

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

<sup>4</sup>9 = Texas x Kentucky bluegrass hybrid

Table 3. Performance of Texas x Kentucky bluegrass hybrid cultivars and selections in a turf trial seeded in September 2004 at Adelphia, NJ.

| Cultivar or Selection           | -----Turf Quality <sup>1</sup> ----- |           |           |           |           |
|---------------------------------|--------------------------------------|-----------|-----------|-----------|-----------|
|                                 | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 1 Moonshadow (KB <sup>2</sup> ) | 6.9                                  | 7.6       | 6.4       | 7.1       | 6.4       |
| 2 Langara (KB)                  | 6.2                                  | 6.9       | 5.7       | 6.1       | 6.1       |
| 3 Cabernet (KB)                 | 6.0                                  | 6.4       | 5.8       | 6.1       | 6.0       |
| 4 Princeton P-105 (KB)          | 5.7                                  | 6.2       | 4.9       | 6.1       | 5.6       |
| 5 A01-856                       | 5.5                                  | 5.0       | 5.7       | 5.9       | 5.4       |
| 6 A01-845                       | 5.4                                  | 5.2       | 5.5       | 5.7       | 5.3       |
| 7 A03TB-252                     | 5.4                                  | 5.3       | 5.5       | 5.6       | 5.1       |
| 8 Midnight (KB)                 | 5.4                                  | 5.3       | 5.2       | 5.7       | 5.2       |
| 9 A00TB-101                     | 5.4                                  | 6.6       | 5.1       | 5.1       | 4.8       |
| 10 A00-TXKB-99                  | 5.3                                  | 5.4       | 5.1       | 5.4       | 5.3       |
| 11 A99LM-15                     | 5.2                                  | 5.0       | 5.3       | 5.2       | 5.3       |
| 12 A02-943                      | 5.2                                  | 5.7       | 5.4       | 5.0       | 4.5       |
| 13 A04TB-4                      | 5.2                                  | 5.3       | 5.2       | 5.3       | 5.0       |
| 14 A02-949                      | 5.2                                  | 5.6       | 5.5       | 4.9       | 4.8       |
| 15 A04TB-33                     | 5.1                                  | 5.1       | 5.2       | 5.0       | 4.8       |
| 16 A04TB-7                      | 5.0                                  | 4.3       | 5.4       | 5.5       | 5.1       |
| 17 A03TB-251                    | 5.0                                  | 4.7       | 5.2       | 5.1       | 5.0       |
| 18 C-74 (KB)                    | 4.9                                  | 5.7       | 4.2       | 4.7       | 5.2       |
| 19 Eagleton (KB)                | 4.9                                  | 5.8       | 4.2       | 4.7       | 5.0       |
| 20 Spitfire                     | 4.9                                  | 4.9       | 4.8       | 5.1       | 4.9       |
| 21 A00TB-108                    | 4.9                                  | 4.8       | 4.8       | 5.0       | 5.0       |
| 22 RSP (KB)                     | 4.8                                  | 5.8       | 4.5       | 4.5       | 4.4       |
| 23 A02-976                      | 4.7                                  | 4.6       | 5.1       | 4.7       | 4.4       |
| 24 A02-284                      | 4.7                                  | 4.7       | 5.1       | 4.6       | 4.3       |
| 25 A02-956                      | 4.7                                  | 5.1       | 5.1       | 4.4       | 4.0       |
| 26 A02-953                      | 4.6                                  | 5.1       | 4.7       | 4.4       | 4.3       |
| 27 A01-849                      | 4.6                                  | 4.1       | 4.7       | 4.6       | 5.1       |
| 28 Brunswick (KB)               | 4.6                                  | 4.5       | 4.5       | 4.8       | 4.8       |
| 29 A04TB-8                      | 4.6                                  | 4.8       | 4.9       | 4.6       | 4.2       |
| 30 A01-852                      | 4.5                                  | 4.5       | 4.5       | 4.5       | 4.6       |
| 31 A04TB-3                      | 4.4                                  | 4.1       | 4.4       | 4.6       | 4.4       |
| 32 A02-947                      | 4.4                                  | 4.8       | 4.4       | 4.4       | 4.1       |
| 33 A02-969                      | 4.3                                  | 4.1       | 4.7       | 4.0       | 4.3       |
| 34 A01-900                      | 4.3                                  | 4.1       | 4.3       | 4.5       | 4.4       |
| 35 02-28                        | 4.3                                  | 4.4       | 4.2       | 4.2       | 4.1       |

(Continued)

Table 3 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           |
|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|
|                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 36 A04TB-11           | 4.3                                  | 4.7       | 4.3       | 4.2       | 4.0       |
| 37 3855-11 01-28N     | 4.3                                  | 3.9       | 4.5       | 4.3       | 4.5       |
| 38 A03TB-256          | 4.3                                  | 3.8       | 4.9       | 4.2       | 4.0       |
| 39 A02-962            | 4.2                                  | 3.7       | 4.5       | 4.4       | 4.1       |
| 40 A99LM-18           | 4.1                                  | 4.8       | 4.3       | 3.8       | 3.7       |
| 41 A03TB-246          | 3.9                                  | 3.3       | 4.3       | 4.0       | 4.0       |
| 42 A04TB-35           | 3.9                                  | 3.3       | 3.9       | 4.0       | 4.2       |
| 43 A02-975            | 3.4                                  | 3.0       | 3.5       | 3.3       | 3.8       |
| LSD at 5% =           | 0.4                                  | 0.6       | 0.6       | 0.6       | 0.6       |

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

<sup>2</sup>Kentucky bluegrass standard

Table 4. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2005 at North Brunswick, NJ.

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |
|-----------------------|--------------------------------------|-----------|-----------|-----------|
|                       | 2006-2008 Avg.                       | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 1 A05-321             | 6.6                                  | 6.8       | 6.5       | 6.6       |
| 2 Cabernet            | 6.5                                  | 6.0       | 6.7       | 7.0       |
| 3 A99-2238            | 6.5                                  | 6.9       | 6.7       | 5.9       |
| 4 A03-3590-6          | 6.4                                  | 6.5       | 6.4       | 6.3       |
| 5 Moonlight           | 6.3                                  | 7.0       | 6.9       | 5.2       |
| 6 Blue Note           | 6.3                                  | 6.6       | 6.0       | 6.2       |
| 7 A00-1395            | 6.3                                  | 6.5       | 6.4       | 6.0       |
| 8 H99-1569            | 6.3                                  | 6.7       | 6.4       | 5.7       |
| 9 Mystere             | 6.3                                  | 6.2       | 5.9       | 6.6       |
| 10 A05-325            | 6.2                                  | 6.9       | 6.3       | 5.5       |
| 11 A99-523            | 6.2                                  | 6.9       | 6.2       | 5.5       |
| 12 A05-334            | 6.2                                  | 6.9       | 6.1       | 5.7       |
| 13 A05-314            | 6.2                                  | 6.5       | 6.2       | 5.9       |
| 14 A99-2377           | 6.1                                  | 6.8       | 5.8       | 5.6       |
| 15 Unique             | 6.1                                  | 6.7       | 6.3       | 5.3       |
| 16 A96-1338           | 6.1                                  | 6.1       | 5.9       | 6.2       |
| 17 A97-1304           | 6.0                                  | 6.6       | 6.2       | 5.3       |
| 18 A05-360            | 6.0                                  | 5.6       | 6.2       | 6.3       |
| 19 H99-1653           | 6.0                                  | 5.8       | 6.1       | 6.2       |
| 20 A05-335            | 6.0                                  | 6.1       | 6.2       | 5.7       |
| 21 Diva               | 6.0                                  | 6.2       | 5.9       | 6.0       |
| 22 A04-68             | 5.9                                  | 5.4       | 6.1       | 6.3       |
| 23 A00-99             | 5.9                                  | 6.0       | 6.1       | 5.6       |
| 24 A98-3320           | 5.9                                  | 6.2       | 5.2       | 6.3       |
| 25 A03-67             | 5.9                                  | 6.1       | 5.5       | 6.1       |
| 26 A05-333            | 5.9                                  | 6.3       | 5.8       | 5.6       |
| 27 A97-1303           | 5.9                                  | 6.4       | 6.0       | 5.2       |
| 28 A99-2728           | 5.9                                  | 6.6       | 6.1       | 4.9       |
| 29 A05-356            | 5.9                                  | 5.9       | 5.4       | 6.4       |
| 30 A97-1560           | 5.8                                  | 6.2       | 6.0       | 5.3       |
| 31 A94-677            | 5.8                                  | 6.7       | 5.6       | 5.2       |
| 32 A05-323            | 5.8                                  | 6.2       | 5.8       | 5.4       |
| 33 A05-324            | 5.8                                  | 6.1       | 5.9       | 5.5       |
| 34 A05-295            | 5.8                                  | 5.7       | 5.3       | 6.4       |
| 35 A05-336            | 5.8                                  | 6.5       | 5.9       | 5.0       |

(Continued)

Table 4 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |
|-----------------------|--------------------------------------|-----------|-----------|-----------|
|                       | 2006-2008 Avg.                       | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 36 A00-1193           | 5.8                                  | 6.1       | 5.8       | 5.5       |
| 37 A99-269            | 5.8                                  | 6.2       | 5.7       | 5.6       |
| 38 A01-1106           | 5.8                                  | 6.1       | 5.2       | 6.0       |
| 39 A05-297            | 5.8                                  | 6.2       | 5.7       | 5.4       |
| 40 A05-328            | 5.7                                  | 6.7       | 5.9       | 4.6       |
| 41 A99-345            | 5.7                                  | 5.5       | 5.6       | 6.1       |
| 42 A00-1262           | 5.7                                  | 6.0       | 5.5       | 5.8       |
| 43 Huntington         | 5.7                                  | 5.5       | 5.7       | 6.0       |
| 44 A05-339            | 5.7                                  | 6.1       | 5.7       | 5.2       |
| 45 A00-1238           | 5.7                                  | 5.9       | 5.4       | 5.8       |
| 46 A03-162            | 5.7                                  | 5.6       | 5.8       | 5.6       |
| 47 A98-3369           | 5.7                                  | 6.1       | 4.9       | 6.0       |
| 48 A99-2758           | 5.7                                  | 5.7       | 5.5       | 5.7       |
| 49 Preakness          | 5.7                                  | 5.4       | 5.4       | 6.3       |
| 50 A99-2678           | 5.7                                  | 5.9       | 5.9       | 5.2       |
| 51 A99-2026           | 5.6                                  | 5.4       | 5.9       | 5.6       |
| 52 A00-1002           | 5.6                                  | 5.6       | 5.4       | 5.7       |
| 53 A01-1107           | 5.6                                  | 5.8       | 5.3       | 5.5       |
| 54 A05-322            | 5.6                                  | 6.3       | 5.6       | 4.9       |
| 55 Eagleton           | 5.6                                  | 5.5       | 5.6       | 5.6       |
| 56 A03-66             | 5.5                                  | 5.9       | 5.5       | 5.2       |
| 57 A99-447            | 5.5                                  | 6.1       | 5.4       | 4.9       |
| 58 A05-331            | 5.5                                  | 5.9       | 5.8       | 4.8       |
| 59 Midnight           | 5.5                                  | 6.1       | 4.9       | 5.5       |
| 60 Sonoma             | 5.5                                  | 6.0       | 4.9       | 5.6       |
| 61 A96-308            | 5.5                                  | 5.8       | 5.3       | 5.4       |
| 62 A03-54             | 5.5                                  | 5.7       | 5.4       | 5.2       |
| 63 A05-347            | 5.5                                  | 6.6       | 5.2       | 4.6       |
| 64 A99-2609           | 5.4                                  | 6.0       | 5.6       | 4.7       |
| 65 A01-583            | 5.4                                  | 6.0       | 4.9       | 5.4       |
| 66 A99-2998           | 5.4                                  | 5.5       | 5.9       | 4.8       |
| 67 A05-351            | 5.4                                  | 5.7       | 5.2       | 5.4       |
| 68 A05-361            | 5.4                                  | 5.4       | 5.2       | 5.6       |
| 69 A05-299            | 5.4                                  | 5.8       | 5.8       | 4.6       |
| 70 A05-315            | 5.4                                  | 5.2       | 5.2       | 5.7       |

(Continued)

Table 4 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |
|-----------------------|--------------------------------------|-----------|-----------|-----------|
|                       | 2006-2008 Avg.                       | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 71 A05-354            | 5.4                                  | 5.7       | 5.6       | 4.8       |
| 72 A99-2123           | 5.3                                  | 5.8       | 5.1       | 5.2       |
| 73 A05-292            | 5.3                                  | 5.6       | 4.6       | 5.8       |
| 74 A05-310            | 5.3                                  | 5.3       | 5.0       | 5.7       |
| 75 A05-353            | 5.3                                  | 5.6       | 4.9       | 5.5       |
| 76 A05-201            | 5.3                                  | 5.3       | 4.9       | 5.8       |
| 77 A03-26             | 5.3                                  | 5.1       | 5.4       | 5.2       |
| 78 Princeton P-105    | 5.3                                  | 5.5       | 5.0       | 5.3       |
| 79 H99-334            | 5.2                                  | 5.0       | 5.2       | 5.5       |
| 80 A03-69             | 5.2                                  | 5.4       | 5.3       | 4.9       |
| 81 Serene             | 5.2                                  | 5.7       | 4.8       | 5.1       |
| 82 A95-1048           | 5.2                                  | 5.0       | 5.2       | 5.3       |
| 83 A99-3122           | 5.2                                  | 5.6       | 4.6       | 5.3       |
| 84 A99-2031           | 5.2                                  | 6.0       | 4.8       | 4.7       |
| 85 A05-309            | 5.2                                  | 5.3       | 5.1       | 5.2       |
| 86 A98-3322           | 5.1                                  | 4.8       | 4.8       | 5.8       |
| 87 A04-51             | 5.1                                  | 5.1       | 5.0       | 5.3       |
| 88 A05-341            | 5.1                                  | 5.7       | 4.9       | 4.7       |
| 89 A05-362            | 5.1                                  | 4.9       | 5.4       | 5.1       |
| 90 A04-71             | 5.1                                  | 5.3       | 5.0       | 5.0       |
| 91 A05-298            | 5.1                                  | 5.8       | 4.9       | 4.5       |
| 92 A05-338            | 5.1                                  | 5.4       | 4.5       | 5.2       |
| 93 A05-319            | 5.1                                  | 5.2       | 4.6       | 5.5       |
| 94 A03-50             | 5.0                                  | 5.4       | 4.7       | 5.0       |
| 95 A05-302            | 5.0                                  | 5.8       | 4.4       | 5.0       |
| 96 A05-359            | 5.0                                  | 4.6       | 5.0       | 5.4       |
| 97 A03-38             | 5.0                                  | 5.2       | 4.9       | 4.9       |
| 98 A99-3239           | 5.0                                  | 5.0       | 4.8       | 5.2       |
| 99 A03-4              | 5.0                                  | 5.1       | 4.7       | 5.3       |
| 100 A05-300           | 5.0                                  | 5.6       | 4.2       | 5.2       |
| 101 A05-316           | 5.0                                  | 5.0       | 4.6       | 5.3       |
| 102 A05-342           | 5.0                                  | 4.9       | 4.7       | 5.5       |
| 103 A05-364           | 5.0                                  | 6.0       | 4.5       | 4.5       |
| 104 A05-203           | 5.0                                  | 5.5       | 5.0       | 4.4       |
| 105 A05-296           | 5.0                                  | 4.7       | 4.6       | 5.6       |

(Continued)



Table 4 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |
|-----------------------|--------------------------------------|-----------|-----------|-----------|
|                       | 2006-2008 Avg.                       | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 106 A05-345           | 5.0                                  | 5.4       | 5.1       | 4.2       |
| 107 A05-358           | 5.0                                  | 5.2       | 5.1       | 4.7       |
| 108 A05-318           | 4.9                                  | 4.5       | 4.7       | 5.6       |
| 109 A05-355           | 4.9                                  | 5.0       | 4.9       | 4.8       |
| 110 A05-304           | 4.9                                  | 4.7       | 4.4       | 5.5       |
| 111 Bordeaux          | 4.9                                  | 5.6       | 4.4       | 4.8       |
| 112 H99-1778          | 4.9                                  | 4.6       | 4.7       | 5.3       |
| 113 A99-2427          | 4.8                                  | 5.4       | 4.7       | 4.5       |
| 114 A05-293           | 4.8                                  | 5.1       | 4.5       | 4.9       |
| 115 A05-306           | 4.8                                  | 5.3       | 4.2       | 5.0       |
| 116 Blackstone        | 4.8                                  | 5.0       | 4.2       | 5.3       |
| 117 A05-303           | 4.8                                  | 5.2       | 4.4       | 4.8       |
| 118 A05-312           | 4.8                                  | 4.7       | 4.3       | 5.3       |
| 119 A05-343           | 4.8                                  | 5.7       | 4.4       | 4.3       |
| 120 Champagne         | 4.8                                  | 4.4       | 4.5       | 5.5       |
| 121 A99-2377          | 4.8                                  | 5.8       | 4.3       | 4.3       |
| 122 A05-320           | 4.8                                  | 5.2       | 4.4       | 4.6       |
| 123 A05-326           | 4.7                                  | 5.4       | 4.6       | 4.2       |
| 124 A05-349           | 4.7                                  | 5.2       | 4.5       | 4.6       |
| 125 A01-1789          | 4.7                                  | 4.1       | 4.8       | 5.3       |
| 126 A03-72            | 4.7                                  | 5.6       | 4.0       | 4.6       |
| 127 A93-201           | 4.7                                  | 4.7       | 3.9       | 5.3       |
| 128 A05-294           | 4.7                                  | 4.5       | 4.4       | 5.2       |
| 129 A05-311           | 4.7                                  | 4.9       | 4.2       | 5.1       |
| 130 A05-317           | 4.7                                  | 4.9       | 4.2       | 5.0       |
| 131 H99-1772          | 4.7                                  | 4.6       | 4.4       | 5.2       |
| 132 A05-346           | 4.6                                  | 5.9       | 4.0       | 3.9       |
| 133 A05-200           | 4.6                                  | 5.2       | 4.5       | 4.1       |
| 134 A05-340           | 4.6                                  | 5.0       | 4.0       | 4.8       |
| 135 A05-204           | 4.6                                  | 5.5       | 4.2       | 4.2       |
| 136 A05-330           | 4.6                                  | 5.0       | 4.5       | 4.2       |
| 137 A05-352           | 4.5                                  | 5.4       | 4.1       | 4.1       |
| 138 A05-308           | 4.5                                  | 4.7       | 4.2       | 4.5       |
| 139 A05-307           | 4.4                                  | 4.7       | 4.0       | 4.7       |
| 140 A05-313           | 4.4                                  | 5.0       | 3.9       | 4.4       |

(Continued)

Table 4 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |
|-----------------------|--------------------------------------|-----------|-----------|-----------|
|                       | 2006-2008 Avg.                       | 2006 Avg. | 2007 Avg. | 2008 Avg. |
| 141 A05-344           | 4.4                                  | 5.1       | 4.0       | 4.1       |
| 142 A05-357           | 4.4                                  | 5.2       | 3.9       | 4.2       |
| 143 A05-327           | 4.4                                  | 4.9       | 4.3       | 3.9       |
| 144 Award             | 4.4                                  | 5.0       | 3.9       | 4.2       |
| 145 A99-3110          | 4.3                                  | 5.1       | 3.9       | 3.8       |
| 146 A96-454           | 4.3                                  | 4.7       | 4.1       | 4.0       |
| 147 A05-301           | 4.3                                  | 4.4       | 3.9       | 4.6       |
| 148 A05-332           | 4.0                                  | 4.5       | 3.9       | 3.7       |
| 149 Wild Horse        | 4.0                                  | 3.9       | 3.3       | 4.8       |
| 150 A05-329           | 4.0                                  | 4.7       | 3.7       | 3.7       |
| 151 A05-337           | 3.9                                  | 4.8       | 3.4       | 3.6       |
| 152 A05-350           | 3.9                                  | 4.5       | 3.3       | 3.9       |
| 153 A03-55            | 3.9                                  | 4.4       | 3.3       | 3.9       |
| 154 P-104             | 3.6                                  | 4.6       | 2.7       | 3.4       |
| 155 A05-291           | 3.5                                  | 4.4       | 2.5       | 3.6       |
| 156 A05-305           | 3.5                                  | 3.7       | 3.2       | 3.5       |
| 157 A05-348           | 2.8                                  | 2.7       | 2.4       | 3.3       |
| 158 A05-202           | 2.6                                  | 2.7       | 1.9       | 3.1       |
| LSD at 5% =           | 0.7                                  | 0.9       | 1.0       | 0.9       |

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

Table 2. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2004 at Adelphia, NJ.

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 1 Midnight II         | 6.6                                  | 6.4       | 6.6       | 6.7       | 6.5       | 1.0  | 3.7                                    |
| 2 A03-159             | 6.5                                  | 6.6       | 6.9       | 6.4       | 6.1       | 5.7  | 4.3                                    |
| 3 Prosperity          | 6.5                                  | 6.3       | 6.5       | 6.8       | 6.3       | 3.0  | 4.3                                    |
| 4 H01-229             | 6.3                                  | 5.7       | 7.5       | 6.2       | 5.9       | 3.7  | 4.7                                    |
| 5 A03-84              | 6.3                                  | 5.8       | 6.6       | 6.7       | 6.1       | 6.3  | 6.0                                    |
| 6 Midnight            | 6.3                                  | 6.1       | 6.6       | 6.6       | 5.8       | 1.0  | 2.7                                    |
| 7 Emblem              | 6.2                                  | 5.1       | 6.8       | 6.5       | 6.5       | 1.7  | 5.0                                    |
| 8 A96-324             | 6.2                                  | 6.5       | 6.9       | 5.7       | 5.5       | 5.3  | 4.0                                    |
| 9 A04-340             | 6.1                                  | 6.3       | 6.4       | 6.0       | 5.8       | 4.0  | 6.0                                    |
| 10 Champlain          | 6.1                                  | 6.6       | 6.3       | 6.1       | 5.4       | 2.7  | 4.0                                    |
| 11 NuDestiny          | 6.1                                  | 6.2       | 6.4       | 6.1       | 5.7       | 3.0  | 3.0                                    |
| 12 A04-339            | 6.1                                  | 6.2       | 6.3       | 6.0       | 5.9       | 4.3  | 6.0                                    |
| 13 A97-1686           | 6.1                                  | 5.9       | 6.8       | 6.0       | 5.6       | 1.0  | 3.0                                    |
| 14 Award              | 6.1                                  | 6.2       | 6.7       | 5.7       | 5.5       | 1.3  | 2.7                                    |
| 15 A00-2882           | 6.0                                  | 6.6       | 5.9       | 5.6       | 6.1       | 5.7  | 4.7                                    |
| 16 Aura               | 6.0                                  | 7.1       | 6.2       | 5.6       | 5.1       | 7.0  | 5.0                                    |
| 17 A04-342            | 6.0                                  | 6.0       | 5.9       | 6.0       | 6.1       | 2.3  | 5.0                                    |
| 18 A00-4036           | 6.0                                  | 5.7       | 6.2       | 6.3       | 5.6       | 3.7  | 3.0                                    |
| 19 Bedazzled          | 6.0                                  | 5.4       | 6.3       | 6.2       | 5.9       | 6.7  | 3.7                                    |
| 20 PST-103-348        | 6.0                                  | 5.0       | 6.7       | 6.5       | 5.6       | 5.0  | 3.3                                    |
| 21 Odyssey            | 6.0                                  | 6.0       | 6.4       | 5.6       | 5.7       | 1.3  | 3.0                                    |
| 22 Bewitched          | 6.0                                  | 5.0       | 6.3       | 6.2       | 6.2       | 3.3  | 6.3                                    |
| 23 Beyond             | 5.9                                  | 5.6       | 6.3       | 6.2       | 5.5       | 1.0  | 3.3                                    |
| 24 A04-337            | 5.9                                  | 6.1       | 6.4       | 5.9       | 5.3       | 3.3  | 5.0                                    |
| 25 Shiraz             | 5.9                                  | 5.9       | 6.8       | 5.6       | 5.3       | 4.3  | 3.0                                    |

(Continued)

Table 2 (continued).

|    | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|    |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 26 | Arcadia               | 5.9                                  | 5.9       | 6.7       | 5.8       | 5.3       | 2.0  | 3.0                                    |
| 27 | SRX A0035             | 5.9                                  | 6.0       | 5.5       | 6.1       | 6.0       | 3.3  | 3.7                                    |
| 28 | A00-4135              | 5.9                                  | 6.1       | 6.2       | 5.8       | 5.5       | 3.3  | 3.3                                    |
| 29 | AKBO47                | 5.9                                  | 6.2       | 6.4       | 5.5       | 5.3       | 1.0  | 3.0                                    |
| 30 | Liberator             | 5.8                                  | 6.3       | 6.2       | 5.6       | 5.3       | 1.3  | 3.3                                    |
| 31 | Bluestone             | 5.8                                  | 5.7       | 6.4       | 5.9       | 5.3       | 1.3  | 3.0                                    |
| 32 | Everglade             | 5.8                                  | 6.0       | 6.2       | 5.5       | 5.6       | 1.3  | 2.7                                    |
| 33 | Gamma                 | 5.8                                  | 5.3       | 6.0       | 5.8       | 6.1       | 4.7  | 3.3                                    |
| 34 | Langara               | 5.8                                  | 5.9       | 6.1       | 5.7       | 5.5       | 4.7  | 4.3                                    |
| 35 | Rhythm                | 5.8                                  | 5.4       | 5.8       | 6.0       | 5.8       | 1.0  | 3.3                                    |
| 36 | Chicago II            | 5.8                                  | 6.0       | 5.8       | 5.6       | 5.7       | 3.0  | 3.0                                    |
| 37 | Rhapsody              | 5.7                                  | 5.7       | 6.2       | 5.3       | 5.7       | 7.0  | 3.7                                    |
| 38 | A99-3124              | 5.7                                  | 6.2       | 5.6       | 5.5       | 5.6       | 6.0  | 4.7                                    |
| 39 | A03-137               | 5.7                                  | 6.0       | 6.2       | 5.7       | 5.0       | 5.7  | 4.0                                    |
| 40 | NuGlade               | 5.7                                  | 6.0       | 5.5       | 5.5       | 5.9       | 1.7  | 4.0                                    |
| 41 | A01-245               | 5.7                                  | 5.8       | 6.0       | 5.3       | 5.6       | 6.3  | 4.3                                    |
| 42 | Washington            | 5.7                                  | 5.9       | 6.1       | 5.6       | 5.1       | 8.0  | 6.0                                    |
| 43 | A99-3117              | 5.7                                  | 5.9       | 5.8       | 5.3       | 5.7       | 7.0  | 5.7                                    |
| 44 | A99-3182              | 5.7                                  | 6.5       | 6.1       | 5.0       | 5.1       | 4.3  | 2.7                                    |
| 45 | Preakness             | 5.7                                  | 6.1       | 5.9       | 5.8       | 4.8       | 5.3  | 5.3                                    |
| 46 | Diva                  | 5.6                                  | 5.0       | 5.7       | 6.3       | 5.6       | 5.7  | 5.3                                    |
| 47 | PST-C-74              | 5.6                                  | 6.1       | 5.1       | 5.8       | 5.5       | 6.3  | 5.0                                    |
| 48 | PST-102-48            | 5.6                                  | 4.8       | 6.1       | 6.1       | 5.5       | 4.7  | 5.3                                    |
| 49 | SRX A00553            | 5.6                                  | 6.1       | 5.5       | 5.4       | 5.5       | 6.3  | 6.3                                    |
| 50 | SR 2284               | 5.6                                  | 6.3       | 5.5       | 5.4       | 5.3       | 7.0  | 4.3                                    |

(Continued)

Table 2 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 51 Tsunami            | 5.6                                  | 5.9       | 5.9       | 5.2       | 5.5       | 1.0  | 3.3                                    |
| 52 Royce              | 5.6                                  | 5.9       | 5.5       | 5.8       | 5.3       | 6.7  | 5.7                                    |
| 53 A01-324            | 5.6                                  | 6.5       | 5.9       | 5.0       | 5.1       | 7.0  | 4.0                                    |
| 54 A04-66             | 5.6                                  | 5.7       | 6.1       | 5.5       | 5.1       | 6.0  | 3.3                                    |
| 55 Kingfisher         | 5.6                                  | 5.6       | 5.5       | 5.5       | 5.7       | 5.7  | 3.3                                    |
| 56 Absolute           | 5.6                                  | 5.4       | 6.2       | 5.7       | 4.9       | 1.3  | 3.7                                    |
| 57 Princeton P-105    | 5.6                                  | 5.4       | 5.5       | 6.0       | 5.3       | 3.0  | 3.7                                    |
| 58 Brilliant          | 5.5                                  | 5.7       | 5.6       | 5.7       | 5.1       | 6.7  | 5.0                                    |
| 59 A01-195            | 5.5                                  | 5.8       | 5.5       | 5.5       | 5.2       | 4.3  | 5.0                                    |
| 60 A03-56             | 5.5                                  | 6.2       | 5.5       | 5.5       | 4.9       | 4.7  | 3.7                                    |
| 61 A03-71             | 5.5                                  | 5.7       | 5.6       | 5.4       | 5.3       | 7.0  | 4.3                                    |
| 62 A00-247            | 5.5                                  | 6.1       | 5.6       | 5.0       | 5.3       | 7.7  | 4.3                                    |
| 63 A04-46             | 5.5                                  | 6.1       | 6.0       | 5.6       | 4.3       | 4.7  | 3.0                                    |
| 64 Arrowhead          | 5.5                                  | 5.1       | 5.6       | 5.7       | 5.6       | 4.7  | 4.3                                    |
| 65 MSP 3635           | 5.5                                  | 5.9       | 5.2       | 5.3       | 5.5       | 6.0  | 3.7                                    |
| 66 A95-1048           | 5.5                                  | 4.8       | 5.5       | 5.6       | 5.9       | 6.0  | 3.3                                    |
| 67 H99-338            | 5.5                                  | 6.0       | 6.0       | 5.4       | 4.4       | 7.0  | 5.0                                    |
| 68 A04-68             | 5.5                                  | 6.0       | 5.5       | 5.5       | 4.7       | 5.3  | 4.0                                    |
| 69 PST-103-585        | 5.5                                  | 5.2       | 5.7       | 5.5       | 5.3       | 2.7  | 2.0                                    |
| 70 PST-1A3-452        | 5.5                                  | 4.3       | 6.0       | 5.8       | 5.7       | 3.3  | 3.0                                    |
| 71 Bellissimo         | 5.4                                  | 5.9       | 5.5       | 5.3       | 5.1       | 8.0  | 4.0                                    |
| 72 Everest            | 5.4                                  | 5.9       | 5.8       | 4.9       | 5.2       | 1.7  | 2.3                                    |
| 73 A97-1560           | 5.4                                  | 6.1       | 5.2       | 5.5       | 4.9       | 5.7  | 3.7                                    |
| 74 Alpine             | 5.4                                  | 4.8       | 6.3       | 5.0       | 5.6       | 1.0  | 5.7                                    |
| 75 Freedom III        | 5.4                                  | 5.6       | 5.3       | 5.5       | 5.3       | 1.7  | 3.3                                    |

(Continued)

Table 2 (continued).

|     | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|     |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 76  | A01-299               | 5.4                                  | 5.7       | 5.4       | 5.1       | 5.5       | 4.3  | 3.7                                    |
| 77  | Sonoma                | 5.4                                  | 4.8       | 5.6       | 5.7       | 5.5       | 4.7  | 5.0                                    |
| 78  | A99-2426              | 5.4                                  | 5.7       | 5.4       | 5.4       | 5.1       | 5.3  | 5.3                                    |
| 79  | P-707                 | 5.4                                  | 5.0       | 5.3       | 5.6       | 5.6       | 3.0  | 5.3                                    |
| 80  | Voyager II            | 5.4                                  | 5.6       | 5.2       | 5.6       | 5.3       | 5.7  | 5.0                                    |
| 81  | NAK-3257              | 5.4                                  | 5.0       | 5.3       | 5.9       | 5.3       | 5.0  | 4.3                                    |
| 82  | A00-4199              | 5.4                                  | 4.6       | 5.8       | 5.7       | 5.5       | 3.7  | 3.3                                    |
| 83  | A01-247               | 5.4                                  | 5.3       | 5.5       | 5.4       | 5.2       | 6.7  | 5.0                                    |
| 84  | Yankee                | 5.4                                  | 5.3       | 6.1       | 5.0       | 5.1       | 2.3  | 4.3                                    |
| 85  | A96-323               | 5.4                                  | 4.9       | 5.7       | 5.3       | 5.5       | 6.0  | 2.7                                    |
| 86  | A04-38                | 5.4                                  | 4.1       | 6.0       | 5.8       | 5.5       | 4.0  | 4.0                                    |
| 87  | A99-2231              | 5.4                                  | 6.1       | 5.1       | 5.4       | 4.8       | 7.7  | 6.0                                    |
| 88  | A98-969               | 5.3                                  | 5.2       | 5.8       | 5.3       | 4.9       | 5.7  | 4.7                                    |
| 89  | Impact                | 5.3                                  | 5.3       | 5.3       | 5.4       | 5.3       | 1.7  | 3.3                                    |
| 90  | H98-711               | 5.3                                  | 5.7       | 5.4       | 5.2       | 5.0       | 4.7  | 4.0                                    |
| 91  | NAK-3248              | 5.3                                  | 5.1       | 5.5       | 5.7       | 4.9       | 7.7  | 3.7                                    |
| 92  | PST-103-354           | 5.3                                  | 5.2       | 5.0       | 5.4       | 5.6       | 3.3  | 3.3                                    |
| 93  | Jump Start            | 5.3                                  | 6.1       | 4.9       | 5.1       | 5.1       | 7.3  | 3.7                                    |
| 94  | Moonlight             | 5.3                                  | 5.8       | 5.1       | 5.2       | 5.1       | 7.0  | 4.7                                    |
| 95  | A04-71                | 5.3                                  | 5.1       | 5.9       | 5.5       | 4.6       | 2.7  | 3.7                                    |
| 96  | PST-1A1-199           | 5.3                                  | 5.9       | 5.6       | 5.0       | 4.7       | 5.0  | 2.7                                    |
| 97  | Juliet                | 5.3                                  | 5.6       | 5.6       | 5.6       | 4.3       | 5.7  | 4.0                                    |
| 98  | A01-250               | 5.3                                  | 5.6       | 5.3       | 5.2       | 5.0       | 7.0  | 4.0                                    |
| 99  | A99-269               | 5.3                                  | 5.6       | 5.2       | 5.1       | 5.3       | 5.0  | 4.7                                    |
| 100 | A99-2213              | 5.3                                  | 5.8       | 5.3       | 4.6       | 5.3       | 6.3  | 4.0                                    |

(Continued)

Table 2 (continued).

|     | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|     |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 101 | A04-49                | 5.3                                  | 5.0       | 5.8       | 5.5       | 4.8       | 5.3  | 5.0                                    |
| 102 | SW AG514              | 5.3                                  | 5.0       | 5.9       | 4.7       | 5.5       | 1.3  | 3.7                                    |
| 103 | A04-69                | 5.3                                  | 5.6       | 5.9       | 5.0       | 4.5       | 6.0  | 3.7                                    |
| 104 | MSP 3633              | 5.3                                  | 5.6       | 5.1       | 5.3       | 5.0       | 6.0  | 4.7                                    |
| 105 | PST-1A3-459           | 5.3                                  | 4.6       | 5.8       | 5.7       | 5.0       | 3.7  | 3.0                                    |
| 106 | Cabernet              | 5.3                                  | 5.7       | 5.6       | 5.4       | 4.3       | 7.7  | 5.3                                    |
| 107 | A03-38                | 5.2                                  | 5.9       | 5.7       | 5.0       | 4.4       | 7.0  | 2.7                                    |
| 108 | PST-103-344           | 5.2                                  | 4.7       | 6.1       | 5.1       | 5.1       | 4.0  | 2.3                                    |
| 109 | A99-2433              | 5.2                                  | 5.7       | 5.1       | 4.9       | 5.3       | 7.0  | 4.0                                    |
| 110 | A97-1303              | 5.2                                  | 5.5       | 5.4       | 5.0       | 4.9       | 8.3  | 4.7                                    |
| 111 | Rambo                 | 5.2                                  | 5.1       | 5.7       | 4.8       | 5.0       | 1.3  | 2.7                                    |
| 112 | Rugby II              | 5.2                                  | 5.0       | 5.3       | 5.3       | 5.1       | 1.7  | 3.0                                    |
| 113 | A98-339               | 5.2                                  | 5.9       | 5.4       | 4.8       | 4.5       | 7.7  | 4.0                                    |
| 114 | A04-63                | 5.2                                  | 5.0       | 5.7       | 5.4       | 4.6       | 5.3  | 3.7                                    |
| 115 | H98-46                | 5.2                                  | 5.8       | 5.1       | 4.9       | 4.9       | 6.7  | 5.0                                    |
| 116 | A04-338               | 5.2                                  | 5.3       | 5.5       | 4.9       | 4.9       | 4.0  | 5.0                                    |
| 117 | A96-442               | 5.2                                  | 4.9       | 5.5       | 5.2       | 5.0       | 6.7  | 2.7                                    |
| 118 | A03-3                 | 5.1                                  | 5.3       | 5.7       | 4.8       | 4.7       | 5.3  | 4.3                                    |
| 119 | A98-108               | 5.1                                  | 5.9       | 5.2       | 4.7       | 4.7       | 5.7  | 3.7                                    |
| 120 | A98-304               | 5.1                                  | 5.6       | 5.3       | 4.8       | 4.7       | 5.7  | 4.0                                    |
| 121 | A99-354               | 5.1                                  | 5.8       | 5.4       | 4.8       | 4.5       | 8.3  | 3.7                                    |
| 122 | A98-305               | 5.1                                  | 5.4       | 5.1       | 5.0       | 4.9       | 7.3  | 3.7                                    |
| 123 | PST-103-118           | 5.1                                  | 4.1       | 5.3       | 5.4       | 5.6       | 3.7  | 4.3                                    |
| 124 | H01-912               | 5.1                                  | 5.1       | 5.5       | 5.3       | 4.4       | 5.7  | 4.3                                    |
| 125 | MSP 3629              | 5.1                                  | 5.2       | 5.5       | 4.7       | 4.9       | 6.3  | 4.3                                    |

(Continued)

Table 2 (continued).

|       | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-------|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|       |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 126   | H98-768               | 5.1                                  | 6.0       | 5.4       | 4.5       | 4.4       | 6.7  | 5.3                                    |
| 127   | A99-523               | 5.1                                  | 5.7       | 4.9       | 5.0       | 4.7       | 5.0  | 5.0                                    |
| 128   | A00-4135              | 5.1                                  | 4.7       | 5.2       | 5.1       | 5.2       | 3.0  | 3.3                                    |
| 129   | Showcase              | 5.1                                  | 5.9       | 5.0       | 4.6       | 4.7       | 4.3  | 4.7                                    |
| 130   | A04-35                | 5.0                                  | 4.1       | 5.9       | 5.5       | 4.6       | 4.7  | 2.3                                    |
| 131   | A04-37                | 5.0                                  | 4.0       | 5.9       | 5.4       | 4.9       | 6.3  | 3.7                                    |
| 132   | H94-305               | 5.0                                  | 5.7       | 5.3       | 4.8       | 4.4       | 7.7  | 3.7                                    |
| 133   | Mercury               | 5.0                                  | 6.2       | 5.1       | 4.5       | 4.3       | 5.0  | 3.0                                    |
| 134   | A98-210               | 5.0                                  | 4.2       | 5.4       | 5.4       | 5.1       | 7.0  | 3.3                                    |
| g 135 | PST-109-996           | 5.0                                  | 5.9       | 4.9       | 4.6       | 4.6       | 6.3  | 2.7                                    |
| 136   | PST-101-73            | 5.0                                  | 5.7       | 5.0       | 4.6       | 4.7       | 7.0  | 4.3                                    |
| 137   | Bordeaux              | 5.0                                  | 5.4       | 5.1       | 4.7       | 4.8       | 5.3  | 3.3                                    |
| 138   | Apollo                | 5.0                                  | 5.5       | 5.0       | 4.9       | 4.6       | 5.7  | 4.3                                    |
| 139   | PST-102-45            | 5.0                                  | 4.7       | 5.6       | 4.9       | 4.7       | 5.3  | 2.3                                    |
| 140   | Total Eclipse         | 5.0                                  | 4.9       | 5.2       | 5.0       | 4.7       | 2.7  | 3.3                                    |
| 141   | A04-32                | 4.9                                  | 5.4       | 4.9       | 4.4       | 5.1       | 3.3  | 2.7                                    |
| 142   | Rampart               | 4.9                                  | 4.9       | 5.2       | 4.7       | 4.9       | 5.0  | 3.7                                    |
| 143   | A96-1353              | 4.9                                  | 4.7       | 5.3       | 4.8       | 4.9       | 6.3  | 4.0                                    |
| 144   | A00-62                | 4.9                                  | 5.1       | 4.6       | 5.0       | 4.9       | 9.0  | 3.7                                    |
| 145   | A97-959               | 4.9                                  | 4.5       | 5.2       | 5.2       | 4.8       | 6.7  | 3.0                                    |
| 146   | A99-378               | 4.9                                  | 5.4       | 5.4       | 4.4       | 4.3       | 4.0  | 3.3                                    |
| 147   | Moonlight SLT         | 4.9                                  | 4.9       | 5.1       | 4.9       | 4.7       | 1.7  | 3.7                                    |
| 148   | Harmony               | 4.9                                  | 5.0       | 5.3       | 4.5       | 4.8       | 4.3  | 6.3                                    |
| 149   | A98-689               | 4.9                                  | 5.0       | 5.0       | 5.0       | 4.5       | 3.7  | 3.7                                    |
| 150   | North Star            | 4.8                                  | 3.9       | 5.0       | 5.0       | 5.4       | 1.7  | 3.3                                    |

(Continued)



Table 2 (continued).

|     | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|     |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 151 | PST-103-412           | 4.8                                  | 6.1       | 5.0       | 4.0       | 4.3       | 4.0  | 3.0                                    |
| 152 | Arrow                 | 4.8                                  | 4.7       | 4.8       | 4.7       | 5.1       | 6.7  | 4.3                                    |
| 153 | A99-2108              | 4.8                                  | 4.3       | 5.5       | 4.7       | 4.7       | 7.0  | 3.3                                    |
| 154 | A00-57                | 4.8                                  | 5.6       | 5.0       | 4.7       | 3.9       | 6.0  | 3.0                                    |
| 155 | PST-103-360           | 4.8                                  | 3.9       | 5.6       | 4.8       | 4.9       | 2.0  | 3.3                                    |
| 156 | Argos                 | 4.8                                  | 4.2       | 5.1       | 4.7       | 5.0       | 7.0  | 4.0                                    |
| 157 | PST-102-9             | 4.8                                  | 4.4       | 4.7       | 4.3       | 5.5       | 2.3  | 2.3                                    |
| 158 | Ulysses               | 4.7                                  | 4.8       | 5.5       | 4.3       | 4.4       | 4.0  | 2.7                                    |
| 159 | Lakeshore             | 4.7                                  | 3.9       | 5.6       | 4.8       | 4.6       | 4.3  | 2.3                                    |
| 160 | A00-4083              | 4.7                                  | 4.1       | 5.0       | 5.1       | 4.7       | 3.7  | 4.3                                    |
| 161 | A99-2545              | 4.7                                  | 5.5       | 4.7       | 4.4       | 4.3       | 5.3  | 3.3                                    |
| 162 | High Noon             | 4.7                                  | 4.9       | 5.1       | 4.7       | 4.2       | 5.7  | 1.7                                    |
| 163 | SRX 26370             | 4.7                                  | 4.7       | 5.1       | 4.3       | 4.7       | 4.3  | 4.3                                    |
| 164 | Blue-Rriffic          | 4.7                                  | 3.7       | 5.3       | 4.9       | 4.9       | 2.0  | 2.7                                    |
| 165 | Brooklawn             | 4.7                                  | 4.2       | 5.1       | 5.0       | 4.5       | 6.7  | 3.3                                    |
| 166 | Eagleton              | 4.7                                  | 4.9       | 4.9       | 4.8       | 4.1       | 5.3  | 3.3                                    |
| 167 | SR 2100               | 4.7                                  | 5.1       | 5.1       | 4.4       | 4.0       | 1.7  | 1.3                                    |
| 168 | Pinot                 | 4.6                                  | 4.0       | 4.8       | 4.6       | 5.1       | 2.3  | 3.7                                    |
| 169 | H97-108               | 4.6                                  | 4.9       | 5.0       | 4.3       | 4.3       | 6.7  | 3.3                                    |
| 170 | PST-103-314           | 4.6                                  | 4.8       | 4.9       | 3.9       | 4.9       | 3.7  | 2.3                                    |
| 171 | Brunswick             | 4.6                                  | 4.4       | 4.7       | 5.3       | 4.1       | 5.0  | 3.3                                    |
| 172 | A03-66                | 4.6                                  | 4.3       | 5.2       | 4.2       | 4.6       | 5.0  | 2.7                                    |
| 173 | Bronco                | 4.6                                  | 5.0       | 4.8       | 4.2       | 4.3       | 4.3  | 3.7                                    |
| 174 | PST-1A1-899           | 4.6                                  | 4.1       | 5.2       | 4.5       | 4.5       | 6.0  | 3.0                                    |
| 175 | PST-102-339           | 4.6                                  | 3.9       | 5.1       | 4.8       | 4.4       | 7.0  | 5.3                                    |

(Continued)

Table 2 (continued).

|     | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|     |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 176 | A93-201               | 4.6                                  | 3.5       | 5.2       | 5.0       | 4.5       | 5.3  | 2.7                                    |
| 177 | PST-103-68            | 4.5                                  | 5.1       | 4.8       | 4.0       | 4.3       | 2.7  | 2.7                                    |
| 178 | Eva                   | 4.5                                  | 3.8       | 4.9       | 4.4       | 5.0       | 2.7  | 3.0                                    |
| 179 | PST-103-265           | 4.5                                  | 4.4       | 4.5       | 4.2       | 4.9       | 4.7  | 3.3                                    |
| 180 | Champagne             | 4.5                                  | 4.4       | 4.7       | 4.7       | 4.2       | 6.3  | 2.7                                    |
| 181 | Cynthia               | 4.5                                  | 4.5       | 5.1       | 3.8       | 4.5       | 4.0  | 4.3                                    |
| 182 | MSP 3630              | 4.5                                  | 4.8       | 4.4       | 4.2       | 4.5       | 7.3  | 3.0                                    |
| 183 | PST-103-363           | 4.5                                  | 4.3       | 4.6       | 4.0       | 5.1       | 2.7  | 2.3                                    |
| 184 | AKB287                | 4.5                                  | 4.5       | 4.6       | 4.1       | 4.7       | 6.0  | 4.0                                    |
| 185 | Bonaire               | 4.5                                  | 3.8       | 4.8       | 4.7       | 4.5       | 6.3  | 3.0                                    |
| 186 | Moonshine             | 4.4                                  | 3.6       | 4.9       | 4.6       | 4.7       | 5.7  | 3.3                                    |
| 187 | RSP                   | 4.4                                  | 5.7       | 4.5       | 4.3       | 3.3       | 8.3  | 5.3                                    |
| 188 | A03-63                | 4.4                                  | 4.4       | 4.4       | 4.3       | 4.6       | 6.0  | 5.0                                    |
| 189 | PST-1A3-167           | 4.4                                  | 4.3       | 4.7       | 4.1       | 4.6       | 4.7  | 1.3                                    |
| 190 | A00-891               | 4.4                                  | 4.6       | 4.2       | 4.0       | 4.7       | 5.3  | 3.0                                    |
| 191 | PST-103-692           | 4.4                                  | 5.0       | 4.4       | 3.9       | 4.3       | 4.0  | 3.0                                    |
| 192 | H99-1726              | 4.4                                  | 5.2       | 4.3       | 4.6       | 3.5       | 5.3  | 5.3                                    |
| 193 | Concerto              | 4.4                                  | 3.5       | 5.3       | 4.5       | 4.3       | 5.7  | 3.0                                    |
| 194 | Blackberry            | 4.4                                  | 4.9       | 4.6       | 3.6       | 4.3       | 5.3  | 3.7                                    |
| 195 | PST-102-158           | 4.4                                  | 4.1       | 4.6       | 4.2       | 4.6       | 6.3  | 3.3                                    |
| 196 | 2RAD-148J             | 4.4                                  | 4.8       | 4.5       | 3.7       | 4.5       | 5.0  | 3.0                                    |
| 197 | H97-545               | 4.4                                  | 5.2       | 4.5       | 4.1       | 3.5       | 7.0  | 5.3                                    |
| 198 | PST-103-117           | 4.3                                  | 3.7       | 4.7       | 4.2       | 4.7       | 4.0  | 3.7                                    |
| 199 | 3RAD-503J             | 4.3                                  | 4.9       | 4.4       | 4.1       | 3.8       | 3.0  | 2.0                                    |
| 200 | MSP 3631              | 4.3                                  | 4.3       | 4.1       | 4.0       | 4.7       | 5.7  | 3.0                                    |

(Continued)

Table 2 (continued).

|       | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-------|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|       |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 201   | A03-77                | 4.3                                  | 3.8       | 5.0       | 4.1       | 4.1       | 4.7  | 3.0                                    |
| 202   | Moon Beam             | 4.3                                  | 3.6       | 4.3       | 4.5       | 4.6       | 3.0  | 3.0                                    |
| 203   | A99-3110              | 4.3                                  | 4.7       | 4.3       | 3.7       | 4.4       | 4.7  | 2.3                                    |
| 204   | H97-307               | 4.3                                  | 4.5       | 4.5       | 4.0       | 4.1       | 6.0  | 3.3                                    |
| 205   | A99-2933              | 4.2                                  | 4.1       | 4.5       | 3.9       | 4.5       | 3.7  | 2.3                                    |
| 206   | PST-103-651           | 4.2                                  | 3.6       | 4.8       | 3.9       | 4.5       | 1.3  | 2.7                                    |
| 207   | Dragon                | 4.2                                  | 4.2       | 4.7       | 4.1       | 3.9       | 3.7  | 2.3                                    |
| 208   | Pioneer               | 4.2                                  | 3.3       | 4.8       | 4.3       | 4.4       | 6.3  | 4.0                                    |
| 209   | PST-1A3-365           | 4.2                                  | 4.4       | 4.2       | 3.9       | 4.3       | 3.3  | 2.7                                    |
| ∞ 210 | H99-1733              | 4.2                                  | 5.0       | 4.3       | 4.1       | 3.3       | 8.0  | 4.3                                    |
| 211   | PST-101-362           | 4.2                                  | 3.5       | 4.0       | 4.4       | 4.8       | 4.7  | 3.3                                    |
| 212   | Baron                 | 4.1                                  | 4.2       | 4.8       | 4.0       | 3.6       | 4.0  | 2.0                                    |
| 213   | H97-186               | 4.1                                  | 5.2       | 4.0       | 4.2       | 3.1       | 5.7  | 4.3                                    |
| 214   | Shamrock              | 4.1                                  | 3.6       | 4.4       | 4.2       | 4.2       | 5.3  | 3.0                                    |
| 215   | PST-102-13            | 4.1                                  | 3.1       | 4.7       | 4.1       | 4.5       | 3.0  | 2.3                                    |
| 216   | Fairfax               | 4.1                                  | 3.1       | 4.6       | 4.5       | 4.2       | 5.7  | 2.7                                    |
| 217   | A97-1409              | 4.1                                  | 4.8       | 4.2       | 3.8       | 3.5       | 8.7  | 4.0                                    |
| 218   | PST-1A3-94            | 4.1                                  | 5.1       | 4.2       | 3.6       | 3.4       | 6.3  | 1.3                                    |
| 219   | Canon                 | 4.1                                  | 3.8       | 4.6       | 3.8       | 4.1       | 3.7  | 3.3                                    |
| 220   | PST-1A3-57            | 4.1                                  | 2.9       | 4.3       | 3.7       | 5.2       | 4.7  | 4.0                                    |
| 221   | Full Moon             | 4.1                                  | 4.5       | 4.1       | 3.7       | 3.9       | 5.3  | 3.3                                    |
| 222   | A98-233               | 4.0                                  | 4.2       | 4.1       | 3.7       | 4.1       | 6.7  | 3.0                                    |
| 223   | Blue Chip             | 4.0                                  | 3.9       | 4.5       | 3.8       | 3.8       | 2.7  | 1.7                                    |
| 224   | A02-949               | 4.0                                  | 4.6       | 3.9       | 3.5       | 3.9       | 4.3  | 3.3                                    |
| 225   | PST-103-362           | 4.0                                  | 4.1       | 3.9       | 3.8       | 4.1       | 2.3  | 3.3                                    |

(Continued)

Table 2 (continued).

|     | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|     |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 226 | PST-103-762           | 3.9                                  | 3.8       | 4.6       | 3.2       | 4.1       | 3.3  | 1.7                                    |
| 227 | PST-1A3-56            | 3.9                                  | 3.3       | 4.0       | 3.9       | 4.6       | 4.3  | 2.7                                    |
| 228 | 3RAD-515JM            | 3.9                                  | 3.9       | 4.1       | 3.7       | 4.1       | 4.3  | 3.0                                    |
| 229 | PST-1A3-71            | 3.9                                  | 3.2       | 4.3       | 3.9       | 4.4       | 5.7  | 3.3                                    |
| 230 | PST-1A3-147           | 3.9                                  | 4.3       | 3.9       | 3.5       | 4.1       | 6.3  | 2.7                                    |
| 231 | Hawman                | 3.9                                  | 4.1       | 4.1       | 3.6       | 3.9       | 2.7  | 2.3                                    |
| 232 | PST-102-307           | 3.9                                  | 4.3       | 3.9       | 3.6       | 3.9       | 5.3  | 2.3                                    |
| 233 | PST-103-444           | 3.9                                  | 3.3       | 3.8       | 3.6       | 4.9       | 4.0  | 2.7                                    |
| 234 | PST-103-732           | 3.9                                  | 5.5       | 4.2       | 3.0       | 2.9       | 4.7  | 1.7                                    |
| 235 | PST-103-273           | 3.9                                  | 3.8       | 3.6       | 3.3       | 4.8       | 3.0  | 2.3                                    |
| 236 | Sonic                 | 3.9                                  | 4.7       | 3.7       | 3.4       | 3.8       | 4.0  | 2.7                                    |
| 237 | PST-103-609           | 3.9                                  | 4.4       | 4.3       | 3.4       | 3.3       | 3.7  | 2.3                                    |
| 238 | PST-103-737           | 3.9                                  | 5.1       | 4.1       | 2.9       | 3.3       | 3.0  | 1.7                                    |
| 239 | PST-1A3-111           | 3.8                                  | 3.3       | 3.8       | 3.5       | 4.7       | 4.0  | 3.0                                    |
| 240 | PST-1A3-12            | 3.8                                  | 2.8       | 4.3       | 3.8       | 4.4       | 2.7  | 4.3                                    |
| 241 | PST-1A3-54            | 3.8                                  | 2.9       | 3.9       | 3.8       | 4.6       | 3.0  | 3.3                                    |
| 242 | PST-1A3-137           | 3.8                                  | 2.3       | 4.1       | 3.9       | 4.8       | 4.0  | 3.3                                    |
| 243 | A02-947               | 3.8                                  | 4.9       | 3.7       | 2.9       | 3.7       | 3.7  | 2.7                                    |
| 244 | PST-103-434           | 3.8                                  | 3.6       | 4.1       | 3.4       | 3.9       | 2.7  | 2.7                                    |
| 245 | A01-845               | 3.7                                  | 4.3       | 3.9       | 3.1       | 3.7       | 5.0  | 1.3                                    |
| 246 | PST-103-31            | 3.7                                  | 3.6       | 4.0       | 3.3       | 3.9       | 4.3  | 3.3                                    |
| 247 | 3RAD-474J             | 3.7                                  | 3.4       | 3.8       | 3.5       | 4.1       | 6.3  | 4.0                                    |
| 248 | NuBlue                | 3.7                                  | 4.0       | 3.8       | 3.6       | 3.4       | 7.0  | 3.7                                    |
| 249 | PST-1A3-159           | 3.7                                  | 4.2       | 3.4       | 3.1       | 3.9       | 4.7  | 2.3                                    |
| 250 | PST-1A3-675           | 3.7                                  | 3.4       | 3.8       | 3.2       | 4.1       | 4.3  | 1.7                                    |

(Continued)

Table 2 (continued).

|     | Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|     |                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 251 | Aviator               | 3.7                                  | 2.9       | 3.6       | 3.7       | 4.3       | 4.0  | 4.0                                    |
| 252 | PST-102-137           | 3.6                                  | 3.5       | 3.9       | 3.5       | 3.5       | 4.3  | 2.0                                    |
| 253 | PST-1A3-163           | 3.6                                  | 4.3       | 3.2       | 2.8       | 4.1       | 2.7  | 3.3                                    |
| 254 | PST-1A3-156           | 3.6                                  | 3.0       | 3.6       | 3.4       | 4.4       | 3.3  | 3.7                                    |
| 255 | PST-102-334           | 3.5                                  | 2.8       | 3.9       | 3.4       | 4.1       | 3.3  | 2.7                                    |
| 256 | PST-103-719           | 3.5                                  | 3.2       | 3.6       | 3.4       | 3.9       | 4.3  | 2.0                                    |
| 257 | PST-1A3-187           | 3.5                                  | 3.0       | 3.6       | 3.4       | 4.1       | 3.3  | 2.0                                    |
| 258 | PST-102-297           | 3.5                                  | 3.1       | 3.9       | 2.9       | 3.9       | 4.0  | 3.3                                    |
| 259 | PST-1A3-472           | 3.5                                  | 4.0       | 3.4       | 2.8       | 3.6       | 2.0  | 2.0                                    |
| 260 | PST-1A3-647           | 3.4                                  | 3.3       | 3.4       | 3.0       | 4.0       | 2.7  | 2.7                                    |
| 261 | PST-1A3-84            | 3.4                                  | 2.8       | 3.1       | 3.8       | 4.0       | 4.0  | 2.7                                    |
| 262 | PST-1A3-343           | 3.4                                  | 2.9       | 4.1       | 3.1       | 3.7       | 2.3  | 2.0                                    |
| 263 | PST-103-435           | 3.4                                  | 3.5       | 3.9       | 2.8       | 3.3       | 2.0  | 2.3                                    |
| 264 | PST-1A3-134           | 3.3                                  | 3.5       | 3.5       | 2.7       | 3.5       | 4.0  | 3.0                                    |
| 265 | Corsair               | 3.3                                  | 2.9       | 3.4       | 3.2       | 3.7       | 3.3  | 2.3                                    |
| 266 | PST-103-662           | 3.3                                  | 2.7       | 2.9       | 3.4       | 4.0       | 5.7  | 3.0                                    |
| 267 | PST-103-433           | 3.2                                  | 3.5       | 3.1       | 2.8       | 3.3       | 4.7  | 2.3                                    |
| 268 | PST-1A1-30            | 3.2                                  | 2.2       | 3.2       | 3.2       | 3.9       | 3.0  | 3.7                                    |
| 269 | PST-1A3-72            | 3.1                                  | 2.2       | 2.7       | 3.1       | 4.3       | 3.7  | 2.7                                    |
| 270 | PST-1A3-330           | 3.1                                  | 2.9       | 3.6       | 2.6       | 3.2       | 3.3  | 2.0                                    |
| 271 | NAK-3268              | 3.0                                  | 2.3       | 2.8       | 3.1       | 3.8       | 3.7  | 4.3                                    |
| 272 | PST-1A3-524           | 2.9                                  | 2.4       | 2.8       | 2.7       | 3.9       | 2.0  | 3.3                                    |
| 273 | PST-102-239           | 2.9                                  | 3.5       | 1.7       | 2.5       | 3.8       | 3.3  | 2.7                                    |
| 274 | PST-1A3-671           | 2.9                                  | 2.8       | 2.9       | 2.8       | 3.1       | 4.0  | 2.7                                    |
| 275 | PST-103-541           | 2.8                                  | 2.3       | 2.7       | 2.6       | 3.4       | 3.7  | 2.7                                    |

(Continued)

Table 2 (continued).

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |           |           |           |           | Spring Green-up <sup>2</sup><br>April 2008 | Worn Turf Quality <sup>3</sup><br>2008 |
|-----------------------|--------------------------------------|-----------|-----------|-----------|-----------|--|--|
|                       | 2005-2008 Avg.                       | 2005 Avg. | 2006 Avg. | 2007 Avg. | 2008 Avg. |  |  |
| 276 Pp H8570          | 2.6                                  | 1.7       | 1.9       | 2.9       | 3.9       | 7.0  | 3.7                                    |
| LSD at 5% =           | 0.7                                  | 0.9       | 0.9       | 0.9       | 0.8       | 2.2  | 1.6                                    |

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

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

<sup>3</sup>9 = best turf quality with wear applied on 13 and 18 August, and 11 and 16 September, 2008 at four passes each (for a total of 16 passes) using a novel wear simulator

Table 5. 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 <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|-----------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                       | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>COMPACT TYPE</b>   |                                       |              |              |              |   |  |                                       |                                     |
| 1 Prosperity          | 6.7                                   | 6.7          | 6.9          | 6.6          | 7.0   | 2.7  | 7.7                                   | 8.7                                 |
| 2 Emblem              | 6.5                                   | 7.3          | 5.8          | 6.4          | 3.7   | 4.3  | 7.0                                   | 8.3                                 |
| 3 Blueberry           | 6.4                                   | 6.5          | 6.4          | 6.4          | 6.3   | 4.0  | 8.3                                   | 9.0                                 |
| 4 Bd 03-84            | 6.4                                   | 5.9          | 6.4          | 7.0          | 6.0   | 4.7  | 7.7                                   | 7.3                                 |
| 5 Moon Beam           | 6.2                                   | 6.3          | 6.2          | 6.1          | 4.7   | 4.0  | 7.0                                   | 9.0                                 |
| 6 Hampton             | 6.1                                   | 6.3          | 5.8          | 6.4          | 6.7   | 5.7  | 8.7                                   | 6.7                                 |
| 7 Shiraz              | 6.0                                   | 5.9          | 6.2          | 6.0          | 6.7   | 6.0  | 7.0                                   | 5.3                                 |
| 8 A00-1400            | 6.0                                   | 6.3          | 6.0          | 5.8          | 2.0   | 3.7  | 8.0                                   | 7.0                                 |
| 9 J-3429              | 5.9                                   | 6.2          | 5.7          | 6.0          | 3.7   | 4.3  | 7.0                                   | 8.7                                 |
| 10 Skye               | 5.9                                   | 5.7          | 6.0          | 6.1          | 5.0   | 3.3  | 5.3                                   | 6.3                                 |
| 11 GZ-385             | 5.9                                   | 6.1          | 5.9          | 5.7          | 3.0   | 5.3  | 6.7                                   | 6.3                                 |
| 12 Diva               | 5.8                                   | 5.7          | 5.5          | 6.2          | 5.0   | 3.0  | 6.3                                   | 7.0                                 |
| 13 Avid               | 5.8                                   | 6.0          | 5.6          | 5.7          | 3.3   | 4.3  | 8.3                                   | 5.7                                 |
| 14 Bewitched          | 5.8                                   | 6.1          | 5.5          | 5.8          | 1.7   | 3.3  | 6.3                                   | 8.3                                 |
| 15 Moonlight          | 5.7                                   | 5.6          | 5.7          | 5.7          | 3.0   | 4.0  | 8.0                                   | 8.7                                 |
| 16 Rhapsody           | 5.7                                   | 5.5          | 5.5          | 6.0          | 7.3   | 5.3  | 7.7                                   | 6.0                                 |
| 17 Princeton P-105    | 5.5                                   | 5.5          | 5.5          | 5.6          | 3.0   | 3.0  | 7.7                                   | 7.3                                 |
| 18 Blackstone         | 5.0                                   | 4.4          | 5.3          | 5.2          | 5.3   | 5.7  | 8.7                                   | 6.3                                 |
| 19 Pinot              | 4.4                                   | 3.9          | 4.6          | 4.7          | 4.0   | 4.7  | 8.0                                   | 7.7                                 |

87

(Continued)

Table 5 (continued).

| Cultivar or Selection          | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|--------------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                                | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>COMPACT - MIDNIGHT TYPE</b> |                                       |              |              |              |   |  |                                       |                                     |
| 1 Everest                      | 6.5                                   | 6.8          | 5.8          | 6.9          | 1.0   | 2.3  | 7.3                                   | 8.0                                 |
| 2 J-2399                       | 6.5                                   | 6.6          | 6.1          | 6.8          | 1.0   | 2.0  | 8.3                                   | 7.3                                 |
| 3 Award                        | 6.3                                   | 6.6          | 6.1          | 6.3          | 1.3   | 2.3  | 7.3                                   | 8.3                                 |
| 4 Impact                       | 6.3                                   | 6.7          | 5.9          | 6.3          | 2.0   | 1.7  | 7.3                                   | 7.7                                 |
| 5 J-1466                       | 6.3                                   | 6.3          | 5.9          | 6.7          | 1.7   | 1.7  | 7.3                                   | 7.3                                 |
| 6 EverGlade                    | 6.2                                   | 6.3          | 5.8          | 6.5          | 1.3   | 2.0  | 8.3                                   | 7.7                                 |
| 7 Midnight II                  | 6.2                                   | 6.3          | 5.9          | 6.3          | 1.3   | 2.0  | 8.3                                   | 8.3                                 |
| 8 A03-50                       | 6.2                                   | 6.7          | 5.6          | 6.2          | 1.7   | 3.0  | 7.7                                   | 8.0                                 |
| 9 Arcadia                      | 6.1                                   | 6.8          | 5.7          | 6.0          | 1.3   | 2.0  | 7.7                                   | 8.7                                 |
| 10 J-2404                      | 6.1                                   | 6.6          | 5.6          | 6.1          | 1.3   | 2.0  | 7.3                                   | 6.7                                 |
| 11 Tsunami                     | 6.1                                   | 6.3          | 5.8          | 6.1          | 1.0   | 1.7  | 8.3                                   | 8.7                                 |
| 12 Quantum Leap                | 6.0                                   | 6.2          | 5.7          | 6.3          | 1.7   | 2.0  | 7.7                                   | 7.3                                 |
| 13 J-1334                      | 6.0                                   | 6.4          | 5.7          | 6.0          | 1.3   | 1.3  | 8.0                                   | 7.0                                 |
| 14 J-2024                      | 6.0                                   | 6.5          | 5.3          | 6.3          | 1.3   | 3.0  | 7.7                                   | 8.7                                 |
| 15 Midnight                    | 6.0                                   | 6.1          | 5.6          | 6.3          | 1.0   | 1.3  | 8.3                                   | 8.0                                 |
| 16 J-2502                      | 6.0                                   | 6.5          | 5.2          | 6.2          | 2.0   | 2.7  | 7.7                                   | 7.7                                 |
| 17 NuDestiny                   | 5.9                                   | 6.2          | 5.1          | 6.3          | 1.3   | 1.7  | 7.7                                   | 7.7                                 |
| 18 Rhythum                     | 5.8                                   | 5.9          | 5.4          | 6.3          | 1.7   | 3.3  | 7.3                                   | 8.0                                 |
| 19 J-1326                      | 5.8                                   | 5.9          | 5.3          | 6.2          | 1.0   | 1.7  | 8.0                                   | 7.0                                 |
| 20 Beyond                      | 5.8                                   | 6.5          | 5.4          | 5.5          | 2.0   | 2.3  | 7.0                                   | 8.3                                 |

88

(Continued)



Table 5 (continued).

| Cultivar or Selection                  | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|--|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|  | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>COMPACT - MIDNIGHT TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 21 Excursion                           | 5.8                                   | 6.3          | 5.5          | 5.6          | 2.0   | 1.7  | 7.7                                   | 8.3                                 |
| 22 J-2870                              | 5.8                                   | 5.9          | 5.4          | 6.0          | 1.0   | 1.7  | 7.7                                   | 7.3                                 |
| 23 Barrister                           | 5.7                                   | 6.1          | 5.2          | 5.9          | 4.0   | 2.7  | 6.3                                   | 7.7                                 |
| 24 NuGlade                             | 5.7                                   | 6.0          | 5.5          | 5.7          | 2.0   | 2.7  | 7.0                                   | 8.7                                 |
| 25 Bluestone                           | 5.6                                   | 5.8          | 5.2          | 5.9          | 2.0   | 2.0  | 6.3                                   | 7.7                                 |
| 26 Liberator                           | 5.6                                   | 5.9          | 5.1          | 5.8          | 1.0   | 2.0  | 7.7                                   | 8.3                                 |
| 27 J-2791                              | 5.5                                   | 5.5          | 5.6          | 5.5          | 3.7   | 5.3  | 7.0                                   | 8.0                                 |
| 28 PST-104-3                           | 5.3                                   | 5.1          | 5.7          | 5.2          | 1.3   | 3.0  | 8.3                                   | 7.0                                 |
| 29 Rugby II                            | 5.1                                   | 5.4          | 4.5          | 5.5          | 3.7   | 4.0  | 7.0                                   | 7.7                                 |
| 30 A00-1254                            | 5.1                                   | 5.0          | 5.0          | 5.3          | 4.3   | 3.3  | 7.7                                   | 6.7                                 |
| <b>COMPACT - AMERICA TYPE</b>          |                                       |              |              |              |   |  |                                       |                                     |
| 1 GZ-387                               | 6.4                                   | 6.0          | 6.7          | 6.3          | 4.7   | 5.0  | 6.3                                   | 7.0                                 |
| 2 Blue Note                            | 5.9                                   | 5.5          | 5.9          | 6.3          | 5.0   | 3.7  | 6.0                                   | 5.7                                 |
| 3 GZ-384                               | 5.8                                   | 5.5          | 6.1          | 5.9          | 2.7   | 4.3  | 6.3                                   | 6.0                                 |
| 4 Argos                                | 5.7                                   | 5.6          | 5.9          | 5.7          | 7.0   | 5.0  | 5.3                                   | 4.0                                 |
| 5 A99-447                              | 5.7                                   | 6.3          | 5.5          | 5.4          | 3.3   | 4.3  | 7.7                                   | 8.7                                 |
| 6 Mystere                              | 5.7                                   | 5.8          | 5.6          | 5.6          | 8.0   | 7.0  | 4.7                                   | 4.0                                 |
| 7 Bd 98-2108                           | 5.7                                   | 5.6          | 5.7          | 5.7          | 5.3   | 6.0  | 6.0                                   | 6.7                                 |
| 8 MSP 3723                             | 5.6                                   | 5.5          | 5.6          | 5.6          | 7.3   | 2.7  | 7.0                                   | 6.3                                 |
| 9 Bd 99-2103                           | 5.5                                   | 5.7          | 5.2          | 5.6          | 3.0   | 2.0  | 7.7                                   | 7.3                                 |
| 10 Kingfisher                          | 5.5                                   | 5.3          | 5.9          | 5.3          | 6.3   | 6.0  | 8.0                                   | 5.7                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection                 | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                                       | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>COMPACT - AMERICA TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 11 A99-3119                           | 5.5                                   | 5.1          | 5.4          | 5.9          | 7.7   | 3.7  | 6.3                                   | 6.3                                 |
| 12 Sonoma                             | 5.4                                   | 5.2          | 5.5          | 5.5          | 5.3   | 5.3  | 7.3                                   | 7.7                                 |
| 13 SR 2284                            | 5.4                                   | 5.5          | 5.3          | 5.3          | 7.7   | 8.3  | 7.7                                   | 7.3                                 |
| 14 PST-A00-99                         | 5.4                                   | 5.3          | 5.4          | 5.6          | 6.3   | 3.3  | 7.0                                   | 6.0                                 |
| 15 MSP-3752                           | 5.3                                   | 5.1          | 5.4          | 5.4          | 5.0   | 1.7  | 6.7                                   | 5.7                                 |
| 16 A99-523                            | 5.3                                   | 5.3          | 5.0          | 5.5          | 4.7   | 2.0  | 7.0                                   | 5.7                                 |
| 17 America                            | 5.2                                   | 5.0          | 5.0          | 5.5          | 5.7   | 2.3  | 6.3                                   | 4.7                                 |
| 18 PST-C-74                           | 5.2                                   | 5.2          | 5.3          | 5.1          | 5.0   | 3.3  | 5.0                                   | 6.7                                 |
| 19 Dynamo                             | 5.2                                   | 5.5          | 4.6          | 5.3          | 2.3   | 2.7  | 7.0                                   | 8.0                                 |
| 20 MSP-3699                           | 5.1                                   | 4.9          | 5.0          | 5.5          | 7.0   | 5.7  | 6.7                                   | 7.3                                 |
| 21 MSP 3724                           | 5.1                                   | 5.1          | 5.1          | 5.2          | 5.7   | 3.0  | 6.3                                   | 3.3                                 |
| 22 Mystique                           | 5.1                                   | 4.8          | 5.2          | 5.3          | 4.3   | 1.7  | 7.0                                   | 4.3                                 |
| 23 Brilliant                          | 5.1                                   | 4.7          | 5.3          | 5.3          | 6.0   | 3.0  | 7.3                                   | 5.3                                 |
| 24 Glenmont                           | 5.0                                   | 4.7          | 5.4          | 5.0          | 6.7   | 7.3  | 8.3                                   | 4.3                                 |
| 25 Royce                              | 5.0                                   | 4.7          | 5.0          | 5.4          | 6.7   | 2.3  | 7.0                                   | 5.7                                 |
| 26 GZ-386                             | 5.0                                   | 4.7          | 5.2          | 5.1          | 4.3   | 2.0  | 5.0                                   | 5.3                                 |
| 27 MSP-3700                           | 5.0                                   | 4.9          | 4.9          | 5.3          | 3.7   | 2.0  | 6.3                                   | 7.0                                 |
| 28 Showcase                           | 4.9                                   | 4.6          | 4.7          | 5.3          | 6.3   | 2.7  | 6.0                                   | 5.3                                 |
| 29 MSP 3722                           | 4.8                                   | 4.8          | 4.6          | 5.0          | 6.3   | 5.3  | 6.7                                   | 6.0                                 |
| 30 A01-299                            | 4.8                                   | 5.0          | 4.3          | 5.1          | 6.3   | 5.7  | 6.7                                   | 7.0                                 |
| 31 Bordeaux                           | 4.7                                   | 4.6          | 4.6          | 5.1          | 6.0   | 5.7  | 7.0                                   | 7.0                                 |
| 32 A05-323                            | 4.6                                   | 4.5          | 4.4          | 4.9          | 5.0   | 3.0  | 5.3                                   | 6.0                                 |
| 33 Arrow                              | 4.5                                   | 4.2          | 4.6          | 4.6          | 5.3   | 5.3  | 6.0                                   | 6.3                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection                    | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|--|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|  | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>MID-ATLANTIC TYPE</b>                 |                                       |              |              |              |   |  |                                       |                                     |
| 1 Zinfandel                              | 6.0                                   | 6.5          | 5.7          | 5.9          | 4.0   | 5.0  | 7.3                                   | 7.7                                 |
| 2 A04-71                                 | 5.8                                   | 6.2          | 5.6          | 5.5          | 2.0   | 2.0  | 4.0                                   | 7.3                                 |
| 3 STR 2485                               | 5.7                                   | 5.2          | 5.8          | 6.1          | 9.0   | 3.3  | 6.7                                   | 4.7                                 |
| 4 Aura                                   | 5.6                                   | 5.9          | 5.7          | 5.3          | 7.0   | 7.3  | 4.7                                   | 4.3                                 |
| 5 Starburst                              | 5.4                                   | 5.1          | 5.5          | 5.7          | 7.7   | 5.7  | 7.0                                   | 4.3                                 |
| 6 Preakness                              | 5.2                                   | 4.9          | 5.3          | 5.4          | 6.0   | 5.0  | 6.0                                   | 6.0                                 |
| 7 Cabernet                               | 5.0                                   | 4.7          | 5.0          | 5.5          | 5.3   | 3.3  | 5.7                                   | 5.3                                 |
| 8 Bandera (TB x KB hybrid <sup>6</sup> ) | 4.7                                   | 4.6          | 5.0          | 4.6          | 2.3   | 1.0  | 5.3                                   | 4.0                                 |
| 9 Eagleton                               | 4.5                                   | 4.4          | 4.5          | 4.6          | 6.0   | 4.3  | 5.3                                   | 2.3                                 |
| 10 Livingston                            | 4.5                                   | 4.3          | 4.5          | 4.6          | 8.0   | 5.0  | 4.3                                   | 2.7                                 |
| 11 H94-305                               | 4.4                                   | 4.2          | 4.2          | 4.7          | 7.7   | 4.0  | 4.3                                   | 1.7                                 |
| 12 Reveille (TB x KB hybrid)             | 3.2                                   | 3.0          | 2.7          | 4.0          | 4.7   | 3.0  | 5.0                                   | 6.3                                 |
| <b>HIGH DENSITY TYPE</b>                 |                                       |              |              |              |   |  |                                       |                                     |
| 1 North Star                             | 5.4                                   | 5.5          | 5.2          | 5.4          | 2.0   | 1.7  | 8.3                                   | 7.3                                 |
| 2 Harmonie                               | 4.6                                   | 4.3          | 4.5          | 5.1          | 4.0   | 3.3  | 7.0                                   | 6.3                                 |
| 3 Bariris                                | 4.4                                   | 3.7          | 4.6          | 4.9          | 6.0   | 5.7  | 5.7                                   | 5.3                                 |
| <b>JULIA TYPE</b>                        |                                       |              |              |              |   |  |                                       |                                     |
| 1 Juliet                                 | 5.2                                   | 4.8          | 5.3          | 5.4          | 7.3   | 3.0  | 5.3                                   | 4.0                                 |
| 2 Rampart                                | 5.0                                   | 4.7          | 5.3          | 5.0          | 5.7   | 5.0  | 7.3                                   | 6.3                                 |
| 3 Julia                                  | 4.9                                   | 4.4          | 5.1          | 5.2          | 6.7   | 4.3  | 6.0                                   | 6.3                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|-----------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                       | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>SHAMROCK TYPE</b>  |                                       |              |              |              |   |  |                                       |                                     |
| 1 Aries               | 5.0                                   | 4.5          | 5.1          | 5.4          | 6.0   | 5.0  | 5.3                                   | 5.3                                 |
| 2 Wild Horse          | 5.0                                   | 4.1          | 5.0          | 5.8          | 7.7   | 5.3  | 5.0                                   | 6.0                                 |
| 3 A93-201             | 4.9                                   | 4.5          | 4.9          | 5.3          | 6.0   | 5.0  | 6.0                                   | 6.0                                 |
| 4 SR 2100             | 4.8                                   | 4.9          | 5.0          | 4.6          | 3.0   | 4.0  | 6.3                                   | 6.0                                 |
| 5 Bd 98-1358          | 4.8                                   | 4.2          | 4.7          | 5.5          | 8.0   | 5.7  | 6.0                                   | 4.7                                 |
| 6 Moonshine           | 4.7                                   | 4.0          | 4.8          | 5.4          | 6.3   | 4.7  | 6.0                                   | 4.7                                 |
| 7 Shamrock            | 4.7                                   | 4.5          | 4.6          | 4.9          | 7.3   | 5.7  | 5.0                                   | 6.0                                 |
| 8 A05-201             | 4.7                                   | 4.1          | 4.8          | 5.2          | 6.0   | 4.7  | 5.3                                   | 6.3                                 |
| 9 Volt                | 4.5                                   | 3.9          | 4.2          | 5.3          | 7.7   | 6.3  | 5.3                                   | 6.7                                 |
| 10 Champagne          | 4.3                                   | 4.1          | 4.1          | 4.8          | 7.3   | 5.7  | 4.3                                   | 5.0                                 |
| <b>BVMG TYPE</b>      |                                       |              |              |              |   |  |                                       |                                     |
| 1 Baron               | 4.8                                   | 4.9          | 4.9          | 4.6          | 4.3   | 1.7  | 6.3                                   | 6.3                                 |
| <b>COMMON TYPE</b>    |                                       |              |              |              |   |  |                                       |                                     |
| 1 Voyager II          | 5.1                                   | 4.9          | 5.2          | 5.2          | 8.0   | 3.7  | 6.3                                   | 6.0                                 |
| 2 Kenblue             | 3.4                                   | 4.0          | 3.4          | 2.7          | 5.7   | 2.3  | 1.0                                   | 2.3                                 |
| <b>OTHER TYPE</b>     |                                       |              |              |              |   |  |                                       |                                     |
| 1 A99-2031            | 6.2                                   | 6.1          | 6.2          | 6.4          | 7.3   | 2.0  | 7.7                                   | 8.0                                 |
| 2 A05-297             | 6.2                                   | 6.6          | 6.0          | 6.0          | 3.0   | 3.3  | 7.7                                   | 8.3                                 |
| 3 A99-2328            | 6.1                                   | 6.3          | 5.6          | 6.4          | 4.7   | 3.7  | 7.7                                   | 8.0                                 |
| 4 PST-1A2-409         | 6.1                                   | 6.5          | 5.6          | 6.0          | 3.7   | 4.7  | 6.7                                   | 8.0                                 |
| 5 PST-1A4-43          | 6.0                                   | 6.4          | 5.5          | 6.1          | 7.0   | 3.3  | 4.3                                   | 7.7                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 6 A99-2123                | 6.0                                   | 5.8          | 6.3          | 5.8          | 5.7   | 3.0  | 6.3                                   | 7.0                                 |
| 7 PST-1A4-311             | 5.9                                   | 5.9          | 6.0          | 5.9          | 4.0   | 3.3  | 7.0                                   | 7.3                                 |
| 8 A01-1106                | 5.9                                   | 6.1          | 5.3          | 6.2          | 7.3   | 6.7  | 8.7                                   | 6.7                                 |
| 9 PST-101-390             | 5.9                                   | 6.8          | 5.3          | 5.5          | 4.7   | 3.7  | 5.3                                   | 8.7                                 |
| 10 H94-292                | 5.9                                   | 6.4          | 5.7          | 5.6          | 3.7   | 4.3  | 7.0                                   | 7.0                                 |
| 11 Yankee                 | 5.8                                   | 5.9          | 5.7          | 5.9          | 5.0   | 5.0  | 5.7                                   | 9.0                                 |
| 12 A05-324                | 5.8                                   | 5.7          | 5.9          | 5.7          | 7.7   | 2.7  | 6.7                                   | 6.7                                 |
| 13 PST-104-4              | 5.8                                   | 5.7          | 6.1          | 5.5          | 3.3   | 2.0  | 9.0                                   | 7.0                                 |
| 14 A05-314                | 5.7                                   | 5.7          | 5.8          | 5.6          | 4.3   | 5.3  | 7.3                                   | 6.3                                 |
| 15 A95-1048               | 5.7                                   | 5.3          | 6.0          | 5.8          | 7.0   | 5.3  | 7.7                                   | 7.3                                 |
| 16 A99-2758               | 5.7                                   | 6.3          | 5.2          | 5.5          | 3.7   | 4.0  | 5.7                                   | 6.0                                 |
| 17 A96-454                | 5.7                                   | 5.9          | 5.8          | 5.3          | 7.3   | 5.7  | 6.7                                   | 8.0                                 |
| 18 A04-68                 | 5.7                                   | 5.9          | 5.4          | 5.7          | 5.7   | 6.0  | 5.0                                   | 5.0                                 |
| 19 A99-3122               | 5.6                                   | 5.5          | 5.8          | 5.7          | 4.7   | 3.3  | 6.0                                   | 7.7                                 |
| 20 A05-361                | 5.6                                   | 5.6          | 5.4          | 5.9          | 5.3   | 3.7  | 6.7                                   | 6.3                                 |
| 21 A05-295                | 5.6                                   | 5.4          | 5.7          | 5.7          | 7.7   | 6.7  | 4.7                                   | 7.0                                 |
| 22 A99-2377               | 5.6                                   | 5.8          | 5.1          | 5.9          | 4.0   | 4.3  | 5.3                                   | 7.7                                 |
| 23 A00-1238               | 5.6                                   | 5.5          | 5.7          | 5.6          | 5.3   | 5.7  | 4.7                                   | 5.0                                 |
| 24 A03-4                  | 5.6                                   | 5.9          | 5.4          | 5.4          | 5.7   | 5.3  | 5.7                                   | 5.7                                 |
| 25 PST-A97-1304           | 5.6                                   | 5.7          | 5.4          | 5.7          | 5.0   | 2.7  | 5.7                                   | 5.3                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 26 A01-583                | 5.6                                   | 5.9          | 5.2          | 5.6          | 7.7   | 7.3  | 8.0                                   | 7.3                                 |
| 27 POPR 04594             | 5.5                                   | 5.3          | 5.9          | 5.4          | 7.7   | 3.3  | 7.7                                   | 6.3                                 |
| 28 A00-247                | 5.5                                   | 5.2          | 5.7          | 5.7          | 8.0   | 3.3  | 6.0                                   | 5.0                                 |
| 29 Jump Start             | 5.5                                   | 4.9          | 6.0          | 5.6          | 8.0   | 5.3  | 5.3                                   | 3.3                                 |
| 30 Serene                 | 5.5                                   | 5.6          | 5.1          | 5.9          | 6.3   | 6.0  | 8.7                                   | 7.3                                 |
| 31 A99-2026               | 5.5                                   | 5.4          | 5.5          | 5.7          | 3.7   | 2.3  | 7.3                                   | 6.3                                 |
| 32 A00-1193               | 5.5                                   | 5.5          | 5.3          | 5.7          | 2.7   | 3.0  | 7.7                                   | 6.0                                 |
| 33 A99-2717               | 5.4                                   | 5.1          | 5.5          | 5.7          | 8.0   | 3.0  | 7.0                                   | 5.0                                 |
| 34 PST-1A1-899            | 5.4                                   | 5.5          | 5.3          | 5.4          | 6.7   | 3.0  | 6.7                                   | 5.0                                 |
| 35 NA-3257                | 5.4                                   | 5.5          | 5.2          | 5.5          | 6.0   | 3.3  | 6.0                                   | 7.7                                 |
| 36 A05-328                | 5.4                                   | 5.6          | 5.4          | 5.2          | 6.0   | 2.3  | 6.3                                   | 6.0                                 |
| 37 A03-66                 | 5.4                                   | 5.3          | 5.3          | 5.6          | 5.0   | 5.3  | 6.3                                   | 7.3                                 |
| 38 PST-101-73             | 5.4                                   | 5.3          | 5.1          | 5.8          | 6.7   | 2.7  | 6.7                                   | 4.7                                 |
| 39 PST-109-1110           | 5.4                                   | 5.4          | 5.5          | 5.3          | 4.3   | 3.7  | 8.7                                   | 9.0                                 |
| 40 STR 2509               | 5.4                                   | 5.3          | 5.4          | 5.4          | 6.3   | 2.7  | 6.3                                   | 7.3                                 |
| 41 STR 2278               | 5.4                                   | 5.1          | 5.3          | 5.7          | 6.0   | 2.3  | 7.7                                   | 6.7                                 |
| 42 Touche                 | 5.3                                   | 5.0          | 5.5          | 5.5          | 7.0   | 3.7  | 6.3                                   | 4.3                                 |
| 43 A96-308                | 5.3                                   | 5.3          | 5.1          | 5.5          | 3.0   | 1.7  | 7.3                                   | 6.7                                 |
| 44 A99-269                | 5.3                                   | 5.2          | 5.3          | 5.5          | 7.3   | 2.7  | 7.0                                   | 5.3                                 |
| 45 A96-1338               | 5.3                                   | 5.4          | 5.3          | 5.2          | 5.7   | 3.3  | 6.3                                   | 5.3                                 |

94

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 46 A05-335                | 5.3                                   | 5.3          | 5.2          | 5.4          | 6.0   | 2.3  | 6.0                                   | 5.0                                 |
| 47 A99-2998               | 5.3                                   | 5.5          | 5.0          | 5.5          | 4.7   | 4.3  | 7.7                                   | 9.0                                 |
| 48 A05-331                | 5.3                                   | 5.1          | 5.5          | 5.3          | 5.7   | 2.7  | 6.0                                   | 5.7                                 |
| 49 SW AG 514              | 5.3                                   | 5.7          | 5.3          | 4.9          | 2.0   | 1.7  | 8.0                                   | 6.3                                 |
| 50 PSG 711                | 5.3                                   | 4.7          | 5.2          | 5.9          | 7.7   | 2.3  | 6.3                                   | 6.0                                 |
| 51 A05-315                | 5.3                                   | 4.9          | 5.4          | 5.5          | 6.7   | 4.7  | 6.0                                   | 6.0                                 |
| 52 A99-2609               | 5.3                                   | 5.5          | 4.8          | 5.5          | 6.3   | 5.3  | 6.0                                   | 7.0                                 |
| 53 Washington             | 5.3                                   | 5.4          | 5.6          | 4.8          | 6.3   | 3.7  | 7.0                                   | 3.3                                 |
| 54 H99-1653               | 5.2                                   | 4.9          | 5.4          | 5.4          | 8.0   | 3.3  | 7.0                                   | 5.7                                 |
| 55 AKB449                 | 5.2                                   | 5.7          | 4.7          | 5.2          | 4.3   | 3.7  | 7.0                                   | 7.7                                 |
| 56 A05-360                | 5.2                                   | 5.0          | 5.1          | 5.6          | 8.3   | 6.7  | 7.3                                   | 3.0                                 |
| 57 PSG 366                | 5.2                                   | 4.9          | 5.3          | 5.4          | 6.3   | 6.0  | 6.0                                   | 6.7                                 |
| 58 A05-333                | 5.2                                   | 5.3          | 5.2          | 5.1          | 6.0   | 2.7  | 6.3                                   | 5.0                                 |
| 59 A05-364                | 5.2                                   | 5.5          | 5.1          | 5.0          | 5.3   | 3.7  | 6.0                                   | 7.0                                 |
| 60 RAD-343                | 5.2                                   | 4.5          | 5.7          | 5.4          | 5.3   | 2.3  | 7.0                                   | 4.0                                 |
| 61 A05-354                | 5.2                                   | 5.3          | 4.7          | 5.6          | 4.7   | 4.7  | 6.7                                   | 7.3                                 |
| 62 1QG-38                 | 5.2                                   | 5.0          | 5.2          | 5.4          | 6.0   | 2.3  | 6.0                                   | 6.3                                 |
| 63 PST-1A3-137            | 5.2                                   | 4.7          | 5.0          | 5.9          | 5.0   | 2.3  | 7.3                                   | 7.7                                 |
| 64 A05-322                | 5.2                                   | 4.9          | 5.4          | 5.3          | 5.3   | 3.3  | 6.3                                   | 7.0                                 |
| 65 A00-1395               | 5.2                                   | 5.1          | 5.4          | 5.1          | 4.3   | 2.3  | 7.0                                   | 6.3                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 66 PST-102-360            | 5.2                                   | 5.2          | 5.3          | 5.1          | 4.0   | 4.0  | 7.3                                   | 7.3                                 |
| 67 STR 2451               | 5.2                                   | 4.8          | 5.2          | 5.5          | 6.3   | 3.0  | 6.0                                   | 5.7                                 |
| 68 A05-345                | 5.2                                   | 4.9          | 5.5          | 5.1          | 5.7   | 5.3  | 6.3                                   | 7.3                                 |
| 69 A05-336                | 5.2                                   | 4.9          | 5.3          | 5.4          | 6.7   | 2.7  | 6.7                                   | 4.7                                 |
| 70 A05-204                | 5.2                                   | 5.3          | 4.8          | 5.3          | 6.3   | 3.3  | 5.7                                   | 8.0                                 |
| 71 A99-2545               | 5.2                                   | 5.1          | 4.9          | 5.4          | 6.3   | 4.3  | 5.0                                   | 6.7                                 |
| 72 A00-1262               | 5.2                                   | 5.3          | 5.1          | 5.1          | 5.3   | 4.0  | 6.0                                   | 5.3                                 |
| 73 A97-1560               | 5.2                                   | 4.9          | 5.2          | 5.5          | 5.3   | 2.7  | 6.7                                   | 6.3                                 |
| 74 A05-321                | 5.2                                   | 4.8          | 5.3          | 5.4          | 3.7   | 4.0  | 6.0                                   | 6.0                                 |
| 75 A05-316                | 5.2                                   | 4.7          | 5.2          | 5.6          | 6.0   | 4.7  | 6.0                                   | 6.7                                 |
| 76 PST-104-241            | 5.2                                   | 5.4          | 4.7          | 5.3          | 4.7   | 1.3  | 5.0                                   | 7.0                                 |
| 77 PST-1A4-1139           | 5.1                                   | 5.1          | 5.2          | 5.1          | 7.7   | 7.0  | 6.7                                   | 6.3                                 |
| 78 A98-3320               | 5.1                                   | 5.3          | 4.8          | 5.4          | 7.3   | 4.3  | 6.7                                   | 3.3                                 |
| 79 RAD-762                | 5.1                                   | 4.6          | 5.4          | 5.4          | 7.3   | 4.0  | 5.7                                   | 5.0                                 |
| 80 A05-339                | 5.1                                   | 5.3          | 5.0          | 5.2          | 5.3   | 2.3  | 6.3                                   | 5.7                                 |
| 81 A03-55                 | 5.1                                   | 5.8          | 5.0          | 4.6          | 5.0   | 5.3  | 6.0                                   | 8.0                                 |
| 82 A05-325                | 5.1                                   | 5.1          | 5.0          | 5.2          | 6.7   | 2.7  | 6.3                                   | 6.7                                 |
| 83 A00-2882               | 5.1                                   | 4.9          | 5.0          | 5.4          | 6.0   | 5.3  | 7.7                                   | 6.7                                 |
| 84 NA-3248                | 5.1                                   | 5.1          | 4.9          | 5.4          | 7.7   | 4.7  | 4.7                                   | 6.3                                 |
| 85 PST-1A4-1103           | 5.1                                   | 5.9          | 4.4          | 5.0          | 2.0   | 2.7  | 7.0                                   | 5.3                                 |

(Continued)



Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 86 A00-1002               | 5.1                                   | 4.9          | 5.2          | 5.1          | 4.0   | 4.3  | 5.0                                   | 5.7                                 |
| 87 A97-1409               | 5.1                                   | 5.5          | 5.1          | 4.6          | 7.0   | 5.7  | 6.3                                   | 5.7                                 |
| 88 RAD-504                | 5.1                                   | 5.3          | 4.6          | 5.3          | 6.7   | 3.7  | 5.0                                   | 7.0                                 |
| 89 A05-319                | 5.1                                   | 4.6          | 5.1          | 5.5          | 5.7   | 4.7  | 5.7                                   | 6.0                                 |
| 90 A05-343                | 5.1                                   | 4.8          | 5.1          | 5.3          | 4.7   | 3.7  | 6.7                                   | 8.7                                 |
| 91 A98-974                | 5.1                                   | 4.5          | 5.0          | 5.7          | 5.0   | 4.3  | 6.3                                   | 7.3                                 |
| 92 A05-334                | 5.1                                   | 5.0          | 4.9          | 5.3          | 4.7   | 2.7  | 5.7                                   | 6.0                                 |
| 93 A99-2337               | 5.1                                   | 5.2          | 4.7          | 5.3          | 4.7   | 4.0  | 6.3                                   | 8.0                                 |
| 94 A05-362                | 5.1                                   | 5.4          | 5.0          | 4.8          | 4.0   | 5.3  | 6.3                                   | 8.3                                 |
| 95 A99-2678               | 5.1                                   | 5.1          | 5.1          | 5.0          | 6.7   | 2.7  | 6.3                                   | 6.0                                 |
| 96 H98-701                | 5.0                                   | 4.7          | 5.0          | 5.4          | 5.3   | 2.7  | 5.3                                   | 6.0                                 |
| 97 A05-356                | 5.0                                   | 4.9          | 4.8          | 5.4          | 7.3   | 3.7  | 6.0                                   | 5.7                                 |
| 98 A05-299                | 5.0                                   | 4.9          | 5.1          | 5.1          | 5.3   | 4.0  | 6.7                                   | 8.3                                 |
| 99 A01-250                | 5.0                                   | 4.6          | 5.0          | 5.5          | 6.3   | 3.3  | 7.0                                   | 6.3                                 |
| 100 A05-351               | 5.0                                   | 4.4          | 5.1          | 5.6          | 3.3   | 2.3  | 7.7                                   | 6.0                                 |
| 101 STR 2553              | 5.0                                   | 4.9          | 5.0          | 5.1          | 5.7   | 2.3  | 6.7                                   | 5.7                                 |
| 102 A05-309               | 5.0                                   | 4.6          | 5.1          | 5.3          | 4.7   | 3.7  | 5.3                                   | 5.0                                 |
| 103 A05-347               | 5.0                                   | 5.2          | 4.8          | 5.0          | 2.3   | 4.7  | 6.7                                   | 7.3                                 |
| 104 A99-2427              | 5.0                                   | 5.1          | 5.0          | 4.9          | 4.0   | 3.0  | 6.7                                   | 6.3                                 |
| 105 A05-292               | 5.0                                   | 5.0          | 4.9          | 5.0          | 6.7   | 3.7  | 3.7                                   | 5.3                                 |

97

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-2008<br>Avg.                     | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 106 A04-51                | 5.0                                   | 5.3          | 4.7          | 4.8          | 5.3   | 4.7  | 5.7                                   | 6.7                                 |
| 107 A98-3369              | 5.0                                   | 4.7          | 4.6          | 5.6          | 4.0   | 3.7  | 6.3                                   | 6.0                                 |
| 108 A05-296               | 5.0                                   | 4.6          | 5.1          | 5.2          | 8.7   | 4.7  | 4.7                                   | 5.7                                 |
| 109 STR 2332              | 5.0                                   | 5.0          | 4.7          | 5.1          | 7.0   | 2.7  | 5.7                                   | 6.0                                 |
| 110 A05-311               | 5.0                                   | 4.6          | 5.2          | 5.1          | 6.3   | 4.0  | 5.3                                   | 7.3                                 |
| 111 A05-312               | 5.0                                   | 4.5          | 5.2          | 5.2          | 6.3   | 4.7  | 5.3                                   | 5.0                                 |
| 112 A05-353               | 5.0                                   | 4.7          | 4.8          | 5.4          | 4.0   | 2.3  | 5.0                                   | 6.0                                 |
| 86 113 PST-1A3-1013       | 5.0                                   | 5.3          | 5.0          | 4.6          | 2.7   | 2.0  | 5.0                                   | 6.3                                 |
| 114 CPP 822               | 4.9                                   | 4.7          | 4.6          | 5.4          | 5.0   | 3.0  | 7.3                                   | 6.0                                 |
| 115 DP 76-9066            | 4.9                                   | 5.0          | 4.7          | 5.1          | 3.0   | 4.0  | 7.7                                   | 8.3                                 |
| 116 PST-1A4-394           | 4.9                                   | 4.5          | 5.2          | 5.0          | 6.7   | 5.0  | 6.0                                   | 5.3                                 |
| 117 A05-306               | 4.9                                   | 4.4          | 5.0          | 5.3          | 4.3   | 5.0  | 5.0                                   | 6.0                                 |
| 118 A99-3110              | 4.9                                   | 5.3          | 4.7          | 4.8          | 4.0   | 4.7  | 6.7                                   | 8.7                                 |
| 119 Midnight Star         | 4.9                                   | 5.1          | 4.6          | 5.0          | 4.3   | 3.0  | 6.0                                   | 7.3                                 |
| 120 STR 23064             | 4.9                                   | 4.5          | 4.7          | 5.5          | 4.3   | 3.3  | 6.7                                   | 7.3                                 |
| 121 PST-1A4-312           | 4.9                                   | 5.1          | 4.9          | 4.6          | 5.0   | 4.7  | 5.0                                   | 8.7                                 |
| 122 RAD-OAN64             | 4.9                                   | 4.3          | 5.2          | 5.1          | 7.3   | 4.7  | 6.3                                   | 6.0                                 |
| 123 A00-52                | 4.9                                   | 4.9          | 4.8          | 4.9          | 6.7   | 4.3  | 5.0                                   | 3.0                                 |
| 124 A05-344               | 4.9                                   | 5.1          | 4.6          | 4.9          | 6.3   | 4.0  | 5.7                                   | 8.7                                 |
| 125 STR 2109              | 4.9                                   | 4.5          | 5.1          | 5.0          | 6.0   | 4.0  | 8.7                                   | 3.0                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 126 PST-1A2-1440          | 4.8                                   | 4.5          | 4.9          | 5.1          | 6.7   | 5.7  | 6.0                                   | 6.7                                 |
| 127 Denim                 | 4.8                                   | 4.8          | 4.7          | 5.0          | 5.0   | 4.3  | 5.3                                   | 7.0                                 |
| 128 PST-102-327           | 4.8                                   | 5.1          | 4.6          | 4.8          | 4.3   | 5.7  | 7.0                                   | 5.0                                 |
| 129 STR 23078             | 4.8                                   | 4.3          | 5.1          | 5.0          | 6.7   | 5.0  | 7.7                                   | 6.3                                 |
| 130 Belissimo             | 4.8                                   | 4.6          | 5.0          | 4.8          | 4.7   | 2.3  | 6.0                                   | 6.3                                 |
| 131 A03-38                | 4.8                                   | 4.5          | 5.0          | 4.9          | 7.0   | 5.7  | 5.3                                   | 6.3                                 |
| 132 CPP 821               | 4.8                                   | 4.3          | 5.0          | 5.0          | 5.3   | 3.3  | 7.3                                   | 5.0                                 |
| 133 A03-72                | 4.8                                   | 5.3          | 4.5          | 4.5          | 6.0   | 5.3  | 4.3                                   | 7.0                                 |
| 134 PST-104-844           | 4.8                                   | 4.1          | 4.9          | 5.4          | 4.0   | 4.3  | 7.0                                   | 8.3                                 |
| 135 A03-79                | 4.8                                   | 4.8          | 4.9          | 4.6          | 6.0   | 5.7  | 5.7                                   | 8.3                                 |
| 136 CP 76-9068            | 4.7                                   | 4.3          | 4.9          | 4.9          | 4.0   | 3.0  | 7.3                                   | 5.7                                 |
| 137 A05-341               | 4.7                                   | 5.4          | 4.4          | 4.3          | 2.3   | 4.0  | 6.7                                   | 9.0                                 |
| 138 A00-2442              | 4.7                                   | 4.6          | 4.6          | 4.9          | 6.0   | 5.0  | 5.3                                   | 6.3                                 |
| 139 A05-310               | 4.7                                   | 4.1          | 4.8          | 5.2          | 5.7   | 3.7  | 5.0                                   | 6.0                                 |
| 140 A97-1303              | 4.7                                   | 4.3          | 4.8          | 4.9          | 5.3   | 3.0  | 5.3                                   | 6.3                                 |
| 141 Cheetah               | 4.7                                   | 4.8          | 4.4          | 4.8          | 5.3   | 5.3  | 5.0                                   | 6.0                                 |
| 142 PST-102-983           | 4.6                                   | 4.5          | 4.5          | 4.9          | 6.3   | 5.7  | 6.7                                   | 7.3                                 |
| 143 A98-689               | 4.6                                   | 4.7          | 4.4          | 4.8          | 6.3   | 3.7  | 4.7                                   | 4.0                                 |
| 144 BAR VV 0709           | 4.6                                   | 4.5          | 4.4          | 4.9          | 8.3   | 4.7  | 3.7                                   | 3.0                                 |
| 145 BAR VV 9634           | 4.6                                   | 4.8          | 4.2          | 4.8          | 6.7   | 5.7  | 4.7                                   | 4.3                                 |

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 146 CPP 817               | 4.6                                   | 4.8          | 4.4          | 4.6          | 4.0   | 2.3  | 6.0                                   | 7.0                                 |
| 147 DLF 76-9075           | 4.6                                   | 4.4          | 4.6          | 4.8          | 8.7   | 4.7  | 4.3                                   | 3.7                                 |
| 148 A95-410               | 4.6                                   | 4.9          | 4.3          | 4.6          | 5.3   | 4.0  | 6.3                                   | 7.0                                 |
| 149 PST-104-118           | 4.6                                   | 4.5          | 4.5          | 4.8          | 7.3   | 3.3  | 4.3                                   | 6.3                                 |
| 150 BAR VV 8536           | 4.6                                   | 4.8          | 4.1          | 4.8          | 4.7   | 2.3  | 6.3                                   | 5.0                                 |
| 151 Ulysses               | 4.6                                   | 3.9          | 5.1          | 4.8          | 4.3   | 3.7  | 6.7                                   | 5.3                                 |
| 152 PST-102-43            | 4.6                                   | 4.2          | 4.6          | 4.9          | 3.0   | 4.3  | 7.0                                   | 6.3                                 |
| 153 BAR VV 9630           | 4.5                                   | 4.7          | 4.3          | 4.5          | 6.3   | 6.0  | 4.0                                   | 5.0                                 |
| 154 Huntington            | 4.5                                   | 4.3          | 4.4          | 4.7          | 6.7   | 4.0  | 5.3                                   | 3.0                                 |
| 155 PST-102-110           | 4.5                                   | 4.1          | 4.9          | 4.3          | 5.7   | 7.0  | 7.3                                   | 6.3                                 |
| 156 PST-102-324A          | 4.5                                   | 4.2          | 4.0          | 5.2          | 4.3   | 3.7  | 6.3                                   | 5.0                                 |
| 157 SPTR 2959             | 4.5                                   | 3.6          | 4.4          | 5.3          | 7.3   | 5.3  | 5.7                                   | 7.0                                 |
| 158 A05-332               | 4.5                                   | 4.8          | 4.7          | 3.9          | 5.7   | 6.7  | 7.0                                   | 7.7                                 |
| 159 PST-102-158           | 4.4                                   | 4.9          | 4.1          | 4.4          | 6.7   | 4.3  | 6.0                                   | 4.3                                 |
| 160 Opti-Green            | 4.4                                   | 4.1          | 4.6          | 4.5          | 4.3   | 4.0  | 7.0                                   | 6.0                                 |
| 161 A05-200               | 4.4                                   | 4.6          | 4.0          | 4.6          | 4.0   | 3.7  | 5.0                                   | 8.0                                 |
| 162 PST-1A3-1015          | 4.4                                   | 4.7          | 4.1          | 4.3          | 5.0   | 5.7  | 6.0                                   | 8.7                                 |
| 163 A05-330               | 4.3                                   | 5.3          | 4.4          | 3.3          | 5.7   | 6.0  | 5.7                                   | 6.3                                 |
| 164 PST-102-688           | 4.3                                   | 4.1          | 3.9          | 5.0          | 4.3   | 5.7  | 5.3                                   | 8.7                                 |
| 165 A05-320               | 4.3                                   | 4.5          | 4.1          | 4.3          | 3.7   | 4.0  | 4.0                                   | 6.0                                 |

100

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 166 High Noon             | 4.3                                   | 4.4          | 3.9          | 4.6          | 7.0   | 7.7  | 4.0                                   | 5.3                                 |
| 167 Arrowhead             | 4.3                                   | 3.7          | 4.2          | 5.0          | 6.7   | 3.7  | 6.3                                   | 6.7                                 |
| 168 98-16 yellow          | 4.3                                   | 3.7          | 4.4          | 4.7          | 7.3   | 3.0  | 5.3                                   | 5.0                                 |
| 169 A05-203               | 4.2                                   | 4.6          | 3.9          | 4.2          | 5.7   | 6.7  | 5.0                                   | 6.3                                 |
| 170 PST-1G4-66            | 4.2                                   | 3.9          | 4.5          | 4.3          | 6.7   | 5.7  | 7.3                                   | 7.7                                 |
| 171 A05-358               | 4.2                                   | 4.4          | 4.1          | 4.2          | 5.0   | 5.7  | 4.3                                   | 5.7                                 |
| 172 Evora                 | 4.2                                   | 4.7          | 3.8          | 4.1          | 3.0   | 3.3  | 6.0                                   | 7.7                                 |
| 173 PST-104-59            | 4.1                                   | 3.8          | 4.4          | 4.2          | 6.3   | 3.0  | 4.3                                   | 3.3                                 |
| 174 PST-1A4-1033          | 4.1                                   | 4.4          | 3.5          | 4.5          | 4.0   | 3.7  | 7.0                                   | 5.7                                 |
| 175 A00-2469              | 4.1                                   | 3.9          | 4.0          | 4.4          | 6.0   | 4.3  | 4.3                                   | 4.7                                 |
| 176 BAR VK 0710           | 4.1                                   | 3.9          | 4.3          | 4.1          | 3.3   | 2.7  | 4.3                                   | 3.0                                 |
| 177 PST-1A4-1102          | 3.9                                   | 3.9          | 3.9          | 4.0          | 3.7   | 3.0  | 5.7                                   | 7.3                                 |
| 178 PST-1AP4-34           | 3.9                                   | 4.3          | 3.4          | 4.0          | 5.7   | 4.3  | 5.0                                   | 6.7                                 |
| 179 PST-1A4-1036          | 3.9                                   | 4.0          | 3.4          | 4.2          | 3.3   | 2.0  | 6.0                                   | 4.3                                 |
| 180 PST-1GA-67            | 3.9                                   | 3.4          | 4.1          | 4.1          | 4.7   | 6.7  | 6.7                                   | 6.3                                 |
| 181 PST-104-179           | 3.8                                   | 3.7          | 3.8          | 4.0          | 6.3   | 5.0  | 5.3                                   | 7.3                                 |
| 182 BAR VV 0665           | 3.8                                   | 4.1          | 3.3          | 4.1          | 5.7   | 5.0  | 5.0                                   | 5.0                                 |
| 183 PST-1A4-533           | 3.8                                   | 3.7          | 3.5          | 4.3          | 5.7   | 4.3  | 4.0                                   | 4.0                                 |
| 184 Aviator               | 3.8                                   | 3.6          | 3.7          | 4.2          | 5.3   | 4.0  | 5.3                                   | 5.0                                 |
| 185 PST-102-354           | 3.8                                   | 3.5          | 4.0          | 3.8          | 3.7   | 5.7  | 6.0                                   | 7.7                                 |

101

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 186 A05-329               | 3.8                                   | 4.0          | 3.9          | 3.4          | 6.0   | 6.7  | 6.0                                   | 7.3                                 |
| 187 Corsair               | 3.7                                   | 3.1          | 3.5          | 4.6          | 6.0   | 4.7  | 5.3                                   | 6.3                                 |
| 188 PST-102-692           | 3.7                                   | 3.5          | 3.3          | 4.4          | 5.3   | 5.0  | 6.3                                   | 8.0                                 |
| 189 A00-107               | 3.7                                   | 3.7          | 3.6          | 3.9          | 5.0   | 4.7  | 4.7                                   | 4.0                                 |
| 190 H01-847               | 3.7                                   | 3.9          | 3.7          | 3.5          | 6.3   | 3.3  | 3.0                                   | 3.0                                 |
| 191 SRX 20RF              | 3.7                                   | 3.5          | 3.6          | 4.0          | 4.7   | 5.3  | 5.0                                   | 1.3                                 |
| 192 PST-1A3-1189          | 3.7                                   | 4.3          | 3.0          | 3.8          | 5.3   | 4.3  | 5.0                                   | 7.7                                 |
| 193 98-21 blue            | 3.7                                   | 3.6          | 3.7          | 3.7          | 7.3   | 4.0  | 4.0                                   | 3.3                                 |
| 194 A05-350               | 3.7                                   | 3.7          | 3.5          | 3.8          | 5.7   | 6.0  | 6.7                                   | 7.0                                 |
| 195 A03-162               | 3.6                                   | 3.5          | 3.7          | 3.6          | 7.0   | 3.7  | 2.3                                   | 1.7                                 |
| 196 PST-102-690           | 3.6                                   | 3.4          | 3.2          | 4.2          | 5.7   | 5.7  | 6.3                                   | 8.3                                 |
| 197 PST-1A3-472           | 3.6                                   | 3.4          | 3.4          | 3.9          | 2.3   | 2.3  | 5.7                                   | 4.0                                 |
| 198 PST-1A1-544           | 3.6                                   | 3.8          | 3.2          | 3.7          | 7.0   | 3.0  | 4.3                                   | 2.0                                 |
| 199 PST-103-630           | 3.5                                   | 4.0          | 2.8          | 3.8          | 5.7   | 4.7  | 4.7                                   | 6.7                                 |
| 200 PST-102-238           | 3.5                                   | 3.4          | 3.2          | 4.0          | 5.0   | 5.7  | 5.0                                   | 5.7                                 |
| 201 98-10 purple          | 3.5                                   | 3.8          | 3.4          | 3.2          | 8.0   | 4.3  | 2.3                                   | 1.0                                 |
| 202 DP 76-9081            | 3.3                                   | 3.1          | 3.8          | 3.1          | 6.0   | 5.0  | 3.0                                   | 1.7                                 |
| 203 PST-1A3-1279          | 3.3                                   | 3.1          | 3.3          | 3.5          | 4.3   | 4.3  | 5.3                                   | 7.7                                 |
| 204 PST-1A94-21           | 3.3                                   | 3.4          | 3.1          | 3.3          | 5.7   | 5.0  | 3.3                                   | 7.0                                 |
| 205 A05-202               | 3.2                                   | 3.1          | 3.1          | 3.5          | 6.0   | 4.0  | 4.0                                   | 6.7                                 |

102

(Continued)

Table 5 (continued).

| Cultivar or Selection     | ----- Turf Quality <sup>1</sup> ----- |              |              |              | Spring Green-up <sup>2</sup><br>April<br>2008 | Winter Color <sup>3</sup><br>March<br>2008 | Leaf Spot <sup>4</sup><br>May<br>2008 | Color <sup>5</sup><br>Sept.<br>2008 |
|---------------------------|---------------------------------------|--------------|--------------|--------------|---|--|---------------------------------------|-------------------------------------|
|                           | 2006-<br>2008<br>Avg.                 | 2006<br>Avg. | 2007<br>Avg. | 2008<br>Avg. |   |  |                                       |                                     |
| <b>OTHER TYPE (cont.)</b> |                                       |              |              |              |   |  |                                       |                                     |
| 206 Moonstruck            | 3.2                                   | 3.1          | 3.2          | 3.2          | 8.7   | 5.0  | 3.3                                   | 2.3                                 |
| 207 PST-1G4-65            | 3.1                                   | 2.7          | 3.1          | 3.7          | 4.0   | 4.0  | 5.0                                   | 8.3                                 |
| 208 Big Blue              | 3.1                                   | 2.9          | 3.0          | 3.4          | 5.7   | 6.3  | 4.3                                   | 3.7                                 |
| 209 PST-102-239           | 2.9                                   | 2.7          | 2.8          | 3.3          | 4.3   | 5.0  | 4.0                                   | 6.0                                 |
| 210 Blue Angel            | 2.7                                   | 2.9          | 2.8          | 2.5          | 8.3   | 5.7  | 2.0                                   | 3.7                                 |
| 211 PST-102-803           | 2.7                                   | 1.9          | 2.3          | 4.0          | 5.3   | 4.3  | 3.7                                   | 6.7                                 |
| LSD at 5% =               | 0.7                                   | 1.0          | 0.8          | 0.7          | 2.1   | 1.5  | 1.4                                   | 1.9                                 |

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

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

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

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

<sup>5</sup>9 = darkest genetic green color

<sup>6</sup>Texas x Kentucky bluegrass hybrid

Table 6. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2006 at North Brunswick, NJ.

| Cultivar or Selection | -----Turf Quality <sup>1</sup> ----- |              |              | Summer Patch <sup>2</sup><br>Sept.<br>2008 |
|-----------------------|--------------------------------------|--------------|--------------|--|
|                       | 2007-<br>2008<br>Avg.                | 2007<br>Avg. | 2008<br>Avg. |  |
| 1 A06-9               | 6.1                                  | 6.2          | 6.1          | 9.0  |
| 2 A03-3590-6          | 6.0                                  | 6.0          | 6.1          | 8.0  |
| 3 Mystere             | 6.0                                  | 5.5          | 6.6          | 8.7  |
| 4 A06-46              | 6.0                                  | 6.1          | 5.9          | 7.3  |
| 5 A03-3606-8          | 6.0                                  | 6.3          | 5.7          | 8.0  |
| 6 Hunnington          | 6.0                                  | 6.2          | 5.8          | 7.7  |
| 7 A05-322             | 6.0                                  | 5.8          | 6.1          | 9.0  |
| 8 Midnight            | 5.9                                  | 5.6          | 6.2          | 9.0  |
| 9 A98-363             | 5.9                                  | 5.8          | 5.9          | 7.7  |
| 10 A05-295            | 5.9                                  | 6.1          | 5.7          | 5.7  |
| 11 A05-373            | 5.8                                  | 6.0          | 5.7          | 6.7  |
| 12 Blue Note          | 5.8                                  | 5.5          | 6.1          | 8.7  |
| 13 Diva               | 5.8                                  | 5.8          | 5.8          | 7.0  |
| 14 A06-84             | 5.7                                  | 5.8          | 5.7          | 8.7  |
| 15 A01-1106           | 5.7                                  | 6.4          | 5.0          | 4.7  |
| 16 A04-383            | 5.7                                  | 4.9          | 6.5          | 9.0  |
| 17 A99-523            | 5.7                                  | 5.6          | 5.8          | 8.3  |
| 18 Bewitched          | 5.7                                  | 5.8          | 5.6          | 8.7  |
| 19 A03-1              | 5.7                                  | 5.1          | 6.1          | 8.0  |
| 20 A98-3369           | 5.6                                  | 5.3          | 5.9          | 8.7  |
| 21 A05-336            | 5.6                                  | 5.8          | 5.4          | 9.0  |
| 22 A05-328            | 5.6                                  | 5.5          | 5.7          | 9.0  |
| 23 Mystique           | 5.6                                  | 5.9          | 5.4          | 9.0  |
| 24 A04-1569           | 5.6                                  | 5.1          | 6.0          | 9.0  |
| 25 A98-3322           | 5.5                                  | 5.0          | 6.1          | 9.0  |
| 26 A04-1568           | 5.5                                  | 5.2          | 5.9          | 9.0  |
| 27 A04-66             | 5.5                                  | 5.3          | 5.7          | 9.0  |
| 28 A03-3597-1         | 5.5                                  | 5.1          | 5.9          | 7.7  |
| 29 A06-10             | 5.5                                  | 5.6          | 5.4          | 8.7  |
| 30 A06-47             | 5.5                                  | 4.7          | 6.3          | 9.0  |
| 31 A03-69             | 5.5                                  | 4.8          | 6.2          | 8.7  |
| 32 A05-316            | 5.5                                  | 5.2          | 5.8          | 8.3  |
| 33 A05-339            | 5.5                                  | 5.2          | 5.8          | 8.7  |
| 34 H01-700            | 5.5                                  | 5.2          | 5.7          | 8.7  |
| 35 H01-844            | 5.5                                  | 5.3          | 5.7          | 5.3  |

(Continued)



Table 6 (continued).

| Cultivar or Selection                       | -----Turf Quality <sup>1</sup> ----- |              |              | Summer Patch <sup>2</sup><br>Sept.<br>2008 |
|---|--------------------------------------|--------------|--------------|--|
|   | 2007-<br>2008<br>Avg.                | 2007<br>Avg. | 2008<br>Avg. |  |
| 36 A00-3030                                 | 5.5                                  | 4.9          | 6.1          | 7.7  |
| 37 A05-331                                  | 5.5                                  | 5.8          | 5.2          | 8.7  |
| 38 A01-1789                                 | 5.4                                  | 5.1          | 5.8          | 8.0  |
| 39 A05-336                                  | 5.4                                  | 5.2          | 5.6          | 7.3  |
| 40 Ginney                                   | 5.4                                  | 5.2          | 5.6          | 8.7  |
| 41 A03TB-676 (TB x KB hybrid <sup>3</sup> ) | 5.4                                  | 5.3          | 5.5          | 8.7  |
| 42 A06-5                                    | 5.4                                  | 5.1          | 5.7          | 7.0  |
| 43 A04-1368                                 | 5.4                                  | 5.3          | 5.5          | 8.7  |
| 44 A05-335                                  | 5.4                                  | 5.2          | 5.6          | 8.7  |
| 45 A05-324                                  | 5.4                                  | 5.6          | 5.2          | 9.0  |
| 46 A96-1338                                 | 5.4                                  | 5.4          | 5.4          | 6.7  |
| 47 A04-1321                                 | 5.4                                  | 4.8          | 5.9          | 9.0  |
| 48 A04-69                                   | 5.4                                  | 4.8          | 5.9          | 8.7  |
| 49 A00-3037                                 | 5.3                                  | 4.9          | 5.8          | 6.3  |
| 50 A99-2758                                 | 5.3                                  | 5.0          | 5.7          | 7.3  |
| 51 A06-35                                   | 5.3                                  | 5.3          | 5.3          | 8.0  |
| 52 A99-2026                                 | 5.3                                  | 4.9          | 5.7          | 9.0  |
| 53 A05-334                                  | 5.3                                  | 5.3          | 5.2          | 8.0  |
| 54 A04-68                                   | 5.3                                  | 5.3          | 5.3          | 8.7  |
| 55 A05-362                                  | 5.3                                  | 5.4          | 5.1          | 5.3  |
| 56 A05-347                                  | 5.3                                  | 6.0          | 4.6          | 7.3  |
| 57 A03TB-422 (TB x KB hybrid)               | 5.3                                  | 4.5          | 6.0          | 9.0  |
| 58 A06-27                                   | 5.2                                  | 5.3          | 5.2          | 8.7  |
| 59 A93-478                                  | 5.2                                  | 5.0          | 5.4          | 9.0  |
| 60 A03TB-252 (TB x KB hybrid)               | 5.2                                  | 4.6          | 5.9          | 9.0  |
| 61 A04-1529                                 | 5.2                                  | 4.7          | 5.6          | 8.7  |
| 62 A05-314                                  | 5.2                                  | 5.2          | 5.2          | 8.7  |
| 63 A04-1381                                 | 5.2                                  | 4.8          | 5.5          | 7.0  |
| 64 A04-46                                   | 5.2                                  | 4.5          | 5.9          | 9.0  |
| 65 A99-2031                                 | 5.2                                  | 5.3          | 4.9          | 8.3  |
| 66 H94-305                                  | 5.1                                  | 4.4          | 5.9          | 7.7  |
| 67 Eagleton                                 | 5.1                                  | 5.3          | 5.0          | 6.3  |
| 68 A99-2377                                 | 5.1                                  | 4.9          | 5.3          | 9.0  |
| 69 A06-7                                    | 5.1                                  | 4.8          | 5.3          | 8.7  |
| 70 A06-26                                   | 5.1                                  | 5.7          | 4.4          | 4.7  |

(Continued)

Table 6 (continued).

| Cultivar or Selection             | -----Turf Quality <sup>1</sup> ----- |              |              | Summer Patch <sup>2</sup><br>Sept.<br>2008 |
|-----------------------------------|--------------------------------------|--------------|--------------|--|
|                                   | 2007-<br>2008<br>Avg.                | 2007<br>Avg. | 2008<br>Avg. |  |
| 71 A06-28                         | 5.1                                  | 5.2          | 4.9          | 7.7  |
| 72 Fahrenheit 90 (TB x KB hybrid) | 5.1                                  | 4.5          | 5.7          | 8.0  |
| 73 A05-333                        | 5.1                                  | 5.3          | 4.9          | 9.0  |
| 74 A05-310                        | 5.1                                  | 4.4          | 5.7          | 9.0  |
| 75 A94MH-94                       | 5.0                                  | 4.3          | 5.7          | 8.0  |
| 76 A04TB-275 (TB x KB hybrid)     | 5.0                                  | 4.4          | 5.6          | 9.0  |
| 77 A06-42                         | 5.0                                  | 4.9          | 5.1          | 5.7  |
| 78 A99-3239                       | 5.0                                  | 4.3          | 5.7          | 9.0  |
| 79 A06-30                         | 5.0                                  | 4.6          | 5.3          | 8.0  |
| 80 A99-2377                       | 5.0                                  | 5.2          | 4.7          | 9.0  |
| 81 A00-2621                       | 5.0                                  | 4.7          | 5.2          | 7.0  |
| 82 A04-1377                       | 5.0                                  | 4.7          | 5.2          | 4.3  |
| 83 Princeton P-105                | 5.0                                  | 4.6          | 5.4          | 9.0  |
| 84 A99-2123                       | 4.9                                  | 4.6          | 5.2          | 8.0  |
| 85 A97-1799                       | 4.9                                  | 4.8          | 5.0          | 8.3  |
| 86 A05-359                        | 4.9                                  | 4.0          | 5.8          | 9.0  |
| 87 A03TB-677 (TB x KB hybrid)     | 4.9                                  | 4.5          | 5.4          | 8.7  |
| 88 A06-13                         | 4.9                                  | 5.2          | 4.7          | 7.0  |
| 89 A06-2                          | 4.9                                  | 5.3          | 4.4          | 5.7  |
| 90 A06-36                         | 4.9                                  | 4.4          | 5.3          | 9.0  |
| 91 A06-40                         | 4.9                                  | 4.8          | 4.9          | 5.7  |
| 92 A06-25                         | 4.8                                  | 5.1          | 4.5          | 7.3  |
| 93 A06-33                         | 4.8                                  | 5.4          | 4.2          | 6.0  |
| 94 A05-323                        | 4.8                                  | 4.8          | 4.9          | 8.3  |
| 95 A95-1048                       | 4.8                                  | 4.6          | 5.0          | 7.7  |
| 96 A06-19                         | 4.8                                  | 5.2          | 4.3          | 4.7  |
| 97 A03TB-567 (TB x KB hybrid)     | 4.8                                  | 4.3          | 5.2          | 9.0  |
| 98 A04TB-281 (TB x KB hybrid)     | 4.8                                  | 4.2          | 5.3          | 6.7  |
| 99 A06-3                          | 4.7                                  | 4.8          | 4.7          | 6.7  |
| 100 A06-44                        | 4.7                                  | 4.6          | 4.8          | 6.0  |
| 101 A06-38                        | 4.6                                  | 4.1          | 5.2          | 9.0  |
| 102 A98-3366                      | 4.6                                  | 4.0          | 5.2          | 8.3  |
| 103 A04-1473                      | 4.6                                  | 4.3          | 4.9          | 8.7  |
| 104 Guinness                      | 4.6                                  | 3.9          | 5.4          | 8.3  |
| 105 A06-29                        | 4.6                                  | 4.8          | 4.3          | 8.7  |

(Continued)

Table 6 (continued).

| Cultivar or Selection          | -----Turf Quality <sup>1</sup> ----- |              |              | Summer Patch <sup>2</sup><br>Sept.<br>2008 |
|--------------------------------|--------------------------------------|--------------|--------------|--|
|                                | 2007-<br>2008<br>Avg.                | 2007<br>Avg. | 2008<br>Avg. |  |
| 106 A05-297                    | 4.6                                  | 5.0          | 4.3          | 7.7  |
| 107 A06-4                      | 4.6                                  | 5.0          | 4.1          | 5.0  |
| 108 A06-16                     | 4.6                                  | 4.8          | 4.3          | 5.3  |
| 109 A06-18                     | 4.6                                  | 4.6          | 4.5          | 6.7  |
| 110 A06-24                     | 4.6                                  | 5.4          | 3.8          | 6.3  |
| 111 A04-1286                   | 4.6                                  | 4.7          | 4.4          | 8.7  |
| 112 A06-37                     | 4.5                                  | 4.8          | 4.3          | 3.7  |
| 113 A05-306                    | 4.5                                  | 4.3          | 4.7          | 6.3  |
| 114 A06-32                     | 4.5                                  | 5.1          | 3.8          | 4.3  |
| 115 H97-297                    | 4.5                                  | 4.2          | 4.8          | 5.3  |
| 116 H01-938                    | 4.5                                  | 4.6          | 4.3          | 3.3  |
| 117 A04-1268                   | 4.5                                  | 4.3          | 4.7          | 9.0  |
| 118 A03-37                     | 4.5                                  | 4.0          | 4.9          | 5.7  |
| 119 A06-11                     | 4.4                                  | 4.2          | 4.6          | 9.0  |
| 120 A06-20                     | 4.4                                  | 4.9          | 4.0          | 5.7  |
| 121 A06-23                     | 4.4                                  | 4.5          | 4.4          | 5.0  |
| 122 A06-41                     | 4.4                                  | 4.2          | 4.6          | 7.7  |
| 123 A04-37                     | 4.4                                  | 4.2          | 4.6          | 6.3  |
| 124 A04-391                    | 4.4                                  | 4.5          | 4.2          | 3.0  |
| 125 A05-367                    | 4.4                                  | 3.9          | 4.9          | 9.0  |
| 126 A06-15                     | 4.4                                  | 4.5          | 4.2          | 8.0  |
| 127 A06-45                     | 4.4                                  | 4.0          | 4.7          | 6.0  |
| 128 A06-8                      | 4.3                                  | 4.6          | 4.1          | 5.0  |
| 129 A04-394                    | 4.3                                  | 4.4          | 4.2          | 3.0  |
| 130 A00-2486                   | 4.3                                  | 4.0          | 4.6          | 7.7  |
| 131 A06-34                     | 4.3                                  | 4.2          | 4.4          | 5.7  |
| 132 A03TB-423 (TB x KB hybrid) | 4.3                                  | 3.8          | 4.8          | 9.0  |
| 133 A03TB-246 (TB x KB hybrid) | 4.3                                  | 3.9          | 4.6          | 9.0  |
| 134 A04-71                     | 4.2                                  | 4.4          | 4.1          | 4.0  |
| 135 A04-1272                   | 4.1                                  | 3.6          | 4.6          | 7.3  |
| 136 A06-22                     | 4.1                                  | 3.7          | 4.4          | 8.3  |
| 137 A06-12                     | 4.0                                  | 4.7          | 3.4          | 5.3  |
| 138 A06-14                     | 4.0                                  | 4.5          | 3.6          | 3.7  |
| 139 A03TB-411 (TB x KB hybrid) | 4.0                                  | 4.5          | 3.5          | 1.7  |
| 140 A03TB-795 (TB x KB hybrid) | 4.0                                  | 4.2          | 3.9          | 4.3  |

(Continued)

Table 6 (continued).

| Cultivar or Selection          | -----Turf Quality <sup>1</sup> ----- |              |              | Summer Patch <sup>2</sup><br>Sept.<br>2008 |
|--------------------------------|--------------------------------------|--------------|--------------|--|
|                                | 2007-<br>2008<br>Avg.                | 2007<br>Avg. | 2008<br>Avg. |  |
| 141 A06-39                     | 3.9                                  | 3.7          | 4.2          | 9.0  |
| 142 A03TB-416 (TB x KB hybrid) | 3.9                                  | 3.1          | 4.7          | 7.3  |
| 143 A06-21                     | 3.9                                  | 4.3          | 3.4          | 4.3  |
| 144 A06-17                     | 3.8                                  | 3.7          | 4.0          | 7.3  |
| 145 A05-313                    | 3.8                                  | 3.5          | 4.0          | 8.3  |
| 146 A06-6                      | 3.8                                  | 4.4          | 3.1          | 2.7  |
| 147 A03TB-391 (TB x KB hybrid) | 3.8                                  | 3.1          | 4.4          | 9.0  |
| 148 A04TB-7 (TB x KB hybrid)   | 3.8                                  | 2.9          | 4.6          | 9.0  |
| 149 A06-1                      | 3.7                                  | 4.1          | 3.5          | 4.0  |
| 150 A05-329                    | 3.5                                  | 3.8          | 3.3          | 3.3  |
| 151 A05-204                    | 3.5                                  | 4.1          | 2.9          | 3.7  |
| 152 A03TB-718 (TB x KB hybrid) | 3.4                                  | 3.2          | 3.6          | 3.3  |
| 153 A06-31                     | 3.4                                  | 4.1          | 2.6          | 3.0  |
| 154 A03TB-559 (TB x KB hybrid) | 3.4                                  | 3.5          | 3.3          | 2.7  |
| 155 A06-43                     | 3.3                                  | 2.8          | 3.8          | 5.7  |
| 156 A04-1373                   | 3.2                                  | 3.9          | 2.6          | 2.0  |
| 157 A03TB-500 (TB x KB hybrid) | 3.2                                  | 2.8          | 3.6          | 3.0  |
| 158 A04TB-334 (TB x KB hybrid) | 3.0                                  | 3.2          | 2.8          | 1.7  |
| 159 A04TB-267 (TB x KB hybrid) | 2.3                                  | 1.8          | 2.8          | 2.7  |
| 160 A04TB-157 (TB x KB hybrid) | 2.2                                  | 1.5          | 2.9          | 4.7  |
| LSD at 5% =                    | 0.8                                  | 0.9          | 1.0          | 2.5  |

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = least disease<sup>3</sup>Texas x Kentucky bluegrass hybrid

Table 7. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2006 at Adelphia, NJ.

| Cultivar or Selection                      | -----Turf Quality <sup>1</sup> ----- |           |           |
|--|--------------------------------------|-----------|-----------|
|  | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 1 PST-1A2-409                              | 6.2                                  | 7.0       | 5.4       |
| 2 PST-104-133                              | 6.2                                  | 6.5       | 5.9       |
| 3 PST-103-585                              | 6.1                                  | 6.6       | 5.6       |
| 4 Bewitched                                | 6.0                                  | 6.6       | 5.5       |
| 5 A04-68                                   | 5.8                                  | 6.5       | 5.0       |
| 6 A03TB-795 (TB x KB hybrid <sup>2</sup> ) | 5.8                                  | 6.0       | 5.5       |
| 7 A05-362                                  | 5.7                                  | 5.6       | 5.9       |
| 8 A00-1193                                 | 5.7                                  | 6.2       | 5.2       |
| 9 Yankee                                   | 5.7                                  | 6.0       | 5.4       |
| 10 A06-26                                  | 5.6                                  | 5.8       | 5.4       |
| 11 A06-6                                   | 5.6                                  | 5.4       | 5.8       |
| 12 A03-3606-8                              | 5.6                                  | 5.9       | 5.3       |
| 13 A06-33                                  | 5.6                                  | 5.8       | 5.4       |
| 14 A06-84                                  | 5.6                                  | 5.8       | 5.3       |
| 15 A03-3590-6                              | 5.6                                  | 6.0       | 5.1       |
| 16 A03-51                                  | 5.6                                  | 6.1       | 5.0       |
| 17 RAD-504                                 | 5.6                                  | 6.0       | 5.1       |
| 18 A03-4                                   | 5.5                                  | 5.9       | 5.1       |
| 19 A06-8                                   | 5.5                                  | 5.7       | 5.2       |
| 20 Blue-Rriffic                            | 5.5                                  | 6.2       | 4.7       |
| 21 Aura                                    | 5.5                                  | 6.0       | 5.0       |
| 22 A99-2026                                | 5.5                                  | 5.7       | 5.2       |
| 23 A03-1                                   | 5.5                                  | 5.8       | 5.2       |
| 24 A04-71                                  | 5.5                                  | 5.5       | 5.5       |
| 25 P-707                                   | 5.5                                  | 5.9       | 5.1       |
| 26 A06-2                                   | 5.5                                  | 5.8       | 5.1       |
| 27 H01-697                                 | 5.5                                  | 5.9       | 5.0       |
| 28 A05-366                                 | 5.5                                  | 5.7       | 5.2       |
| 29 Mystere                                 | 5.5                                  | 5.8       | 5.1       |
| 30 A04-1473                                | 5.4                                  | 5.7       | 5.2       |
| 31 A05-367                                 | 5.4                                  | 5.7       | 5.1       |
| 32 Arcadia                                 | 5.4                                  | 5.9       | 4.9       |
| 33 A99-2031                                | 5.4                                  | 6.1       | 4.7       |
| 34 A06-23                                  | 5.4                                  | 5.3       | 5.5       |
| 35 A06-24                                  | 5.4                                  | 5.9       | 4.9       |

(Continued)

Table 7 (continued).

| Cultivar or Selection         | -----Turf Quality <sup>1</sup> ----- |           |           |
|-------------------------------|--------------------------------------|-----------|-----------|
|                               | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 36 A04-69                     | 5.4                                  | 5.9       | 4.9       |
| 37 A99-2758                   | 5.4                                  | 6.0       | 4.8       |
| 38 Right                      | 5.4                                  | 6.0       | 4.8       |
| 39 Moonlight SLT              | 5.4                                  | 5.8       | 5.0       |
| 40 STR 235                    | 5.4                                  | 5.9       | 4.9       |
| 41 PST-102-45                 | 5.4                                  | 5.5       | 5.2       |
| 42 A06-28                     | 5.4                                  | 5.6       | 5.1       |
| 43 A05-354                    | 5.4                                  | 5.8       | 4.9       |
| 44 A06-19                     | 5.4                                  | 6.0       | 4.7       |
| 45 PST-102-862                | 5.4                                  | 5.5       | 5.2       |
| 46 A97-1686                   | 5.4                                  | 6.2       | 4.5       |
| 47 A01-1106                   | 5.3                                  | 5.6       | 5.1       |
| 48 RAD-631                    | 5.3                                  | 5.9       | 4.8       |
| 49 1QG-38                     | 5.3                                  | 4.9       | 5.7       |
| 50 A00-3037                   | 5.3                                  | 5.3       | 5.3       |
| 51 A05-373                    | 5.3                                  | 5.7       | 5.0       |
| 52 Jump Start                 | 5.3                                  | 5.5       | 5.1       |
| 53 A03-34                     | 5.3                                  | 5.2       | 5.4       |
| 54 Quantum Leap               | 5.3                                  | 5.8       | 4.8       |
| 55 A99-2123                   | 5.3                                  | 5.4       | 5.2       |
| 56 A05-331                    | 5.3                                  | 5.0       | 5.6       |
| 57 A03-3597-1                 | 5.3                                  | 5.4       | 5.2       |
| 58 A03TB-677 (TB x KB hybrid) | 5.3                                  | 5.4       | 5.2       |
| 59 H01-700                    | 5.3                                  | 5.4       | 5.1       |
| 60 A04-1272                   | 5.3                                  | 6.1       | 4.5       |
| 61 A03TB-422 (TB x KB hybrid) | 5.3                                  | 5.8       | 4.7       |
| 62 RAD-630                    | 5.3                                  | 5.4       | 5.1       |
| 63 A03-37                     | 5.2                                  | 5.2       | 5.3       |
| 64 A05-347                    | 5.2                                  | 5.7       | 4.8       |
| 65 Arrow                      | 5.2                                  | 4.9       | 5.6       |
| 66 H01-938                    | 5.2                                  | 4.9       | 5.5       |
| 67 Rhythm                     | 5.2                                  | 6.0       | 4.4       |
| 68 Moonlight                  | 5.2                                  | 5.3       | 5.1       |
| 69 STR 2485                   | 5.2                                  | 5.5       | 4.9       |
| 70 Blue Note                  | 5.2                                  | 5.3       | 5.1       |

(Continued)

Table 7 (continued).

| Cultivar or Selection          | -----Turf Quality <sup>1</sup> ----- |           |           |
|--------------------------------|--------------------------------------|-----------|-----------|
|                                | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 71 RAD-513                     | 5.2                                  | 5.3       | 5.1       |
| 72 A00-3030                    | 5.2                                  | 5.9       | 4.4       |
| 73 Royale                      | 5.2                                  | 5.1       | 5.3       |
| 74 A06-11                      | 5.2                                  | 5.1       | 5.3       |
| 75 A99-2377                    | 5.2                                  | 5.4       | 5.0       |
| 76 A05-333                     | 5.2                                  | 5.4       | 4.9       |
| 77 Blue-tastic                 | 5.2                                  | 5.4       | 4.9       |
| 78 A04-1568                    | 5.2                                  | 5.6       | 4.7       |
| 79 A06-47                      | 5.1                                  | 5.0       | 5.3       |
| 80 PP 028402                   | 5.1                                  | 5.5       | 4.8       |
| 81 A06-20                      | 5.1                                  | 5.2       | 5.1       |
| 82 A99-523                     | 5.1                                  | 5.0       | 5.2       |
| 83 A03TB-676 (TB x KB hybrid)  | 5.1                                  | 5.3       | 4.9       |
| 84 A98-3366                    | 5.1                                  | 5.6       | 4.6       |
| 85 A05-322                     | 5.1                                  | 5.2       | 5.0       |
| 86 Midnight                    | 5.1                                  | 5.8       | 4.4       |
| 87 A05-336                     | 5.1                                  | 5.1       | 5.1       |
| 88 STR 2324                    | 5.1                                  | 5.0       | 5.2       |
| 89 A06-40                      | 5.1                                  | 5.3       | 4.8       |
| 90 A98-3369                    | 5.1                                  | 5.1       | 5.0       |
| 91 Midnight Star               | 5.1                                  | 5.5       | 4.6       |
| 92 PST-103-354                 | 5.1                                  | 5.8       | 4.4       |
| 93 PST-103-87                  | 5.1                                  | 5.7       | 4.4       |
| 94 A06-17                      | 5.1                                  | 4.9       | 5.2       |
| 95 Midnight II                 | 5.1                                  | 5.7       | 4.4       |
| 96 Diva                        | 5.1                                  | 5.2       | 4.9       |
| 97 RAD-510                     | 5.1                                  | 5.0       | 5.1       |
| 98 A04-1321                    | 5.0                                  | 5.3       | 4.7       |
| 99 A03TB-252 (TB x KB hybrid)  | 5.0                                  | 4.7       | 5.3       |
| 100 PST-103-265                | 5.0                                  | 4.9       | 5.1       |
| 101 A06-42                     | 5.0                                  | 5.1       | 4.9       |
| 102 A06-13                     | 5.0                                  | 5.2       | 4.8       |
| 103 A03TB-391 (TB x KB hybrid) | 5.0                                  | 4.7       | 5.3       |
| 104 A04-1569                   | 5.0                                  | 5.6       | 4.3       |
| 105 A94MH-94                   | 5.0                                  | 5.0       | 4.9       |

(Continued)

Table 7 (continued).

| Cultivar or Selection              | -----Turf Quality <sup>1</sup> ----- |           |           |
|------------------------------------|--------------------------------------|-----------|-----------|
|                                    | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 106 PST-101-92                     | 5.0                                  | 5.3       | 4.6       |
| 107 A06-37                         | 5.0                                  | 5.2       | 4.7       |
| 108 A99-3119-2                     | 5.0                                  | 4.8       | 5.2       |
| 109 A06-7                          | 5.0                                  | 4.9       | 5.0       |
| 110 A96-1338                       | 5.0                                  | 5.2       | 4.7       |
| 111 A05-351                        | 5.0                                  | 5.5       | 4.4       |
| 112 Moon Beam                      | 5.0                                  | 5.6       | 4.3       |
| 113 A04-1381                       | 4.9                                  | 5.1       | 4.8       |
| 114 PST-102-983                    | 4.9                                  | 5.2       | 4.7       |
| 115 MVS 3261                       | 4.9                                  | 4.8       | 5.1       |
| 116 Royce                          | 4.9                                  | 5.0       | 4.9       |
| 117 PST-1A2-1440                   | 4.9                                  | 5.4       | 4.4       |
| 118 SR 2109                        | 4.9                                  | 5.4       | 4.4       |
| 119 A05-295                        | 4.9                                  | 5.3       | 4.5       |
| 120 A05-334                        | 4.9                                  | 5.4       | 4.4       |
| 121 STR 23064                      | 4.9                                  | 5.4       | 4.4       |
| 122 Bluestone                      | 4.9                                  | 5.5       | 4.3       |
| 123 A06-46                         | 4.9                                  | 5.3       | 4.4       |
| 124 A05-324                        | 4.9                                  | 5.0       | 4.8       |
| 125 PST-104-208                    | 4.9                                  | 4.9       | 4.8       |
| 126 Cheetah                        | 4.9                                  | 4.7       | 5.0       |
| 127 Touche                         | 4.9                                  | 5.2       | 4.6       |
| 128 Ginney                         | 4.9                                  | 5.3       | 4.5       |
| 129 A04-1529                       | 4.9                                  | 5.2       | 4.5       |
| 130 A95-1048                       | 4.9                                  | 5.2       | 4.5       |
| 131 STR 2451                       | 4.9                                  | 4.8       | 4.9       |
| 132 Alpine                         | 4.9                                  | 5.5       | 4.2       |
| 133 Fahrenheit 90 (TB x KB hybrid) | 4.9                                  | 4.8       | 4.9       |
| 134 Denali                         | 4.9                                  | 5.0       | 4.7       |
| 135 Rubican                        | 4.9                                  | 5.4       | 4.3       |
| 136 A03-71                         | 4.9                                  | 5.0       | 4.7       |
| 137 Monte Carlo                    | 4.8                                  | 4.9       | 4.7       |
| 138 A05-314                        | 4.8                                  | 5.2       | 4.4       |
| 139 PST-1G4-68                     | 4.8                                  | 4.7       | 4.9       |
| 140 Mallard                        | 4.8                                  | 5.0       | 4.7       |

(Continued)



Table 7 (continued).

| Cultivar or Selection          | -----Turf Quality <sup>1</sup> ----- |           |           |
|--------------------------------|--------------------------------------|-----------|-----------|
|                                | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 141 STR 2553                   | 4.8                                  | 4.5       | 5.1       |
| 142 A99-2377                   | 4.8                                  | 5.2       | 4.3       |
| 143 A05-297                    | 4.8                                  | 5.4       | 4.1       |
| 144 Brilliant                  | 4.8                                  | 5.0       | 4.6       |
| 145 Rampart                    | 4.8                                  | 4.6       | 5.0       |
| 146 PST-103-412                | 4.8                                  | 4.6       | 4.9       |
| 147 STR 2278                   | 4.8                                  | 5.0       | 4.6       |
| 148 RAD-457                    | 4.8                                  | 5.1       | 4.4       |
| 149 A99-2717                   | 4.8                                  | 4.8       | 4.8       |
| 150 A03-72                     | 4.8                                  | 4.8       | 4.7       |
| 151 A03TB-423 (TB x KB hybrid) | 4.8                                  | 4.6       | 4.9       |
| 152 Argos                      | 4.8                                  | 5.0       | 4.5       |
| 153 Mystique                   | 4.8                                  | 4.8       | 4.7       |
| 154 PST-102-145                | 4.7                                  | 4.7       | 4.7       |
| 155 PST-103-651                | 4.7                                  | 4.7       | 4.7       |
| 156 A06-27                     | 4.7                                  | 4.9       | 4.5       |
| 157 PST-109-996                | 4.7                                  | 4.9       | 4.5       |
| 158 Princeton P-105            | 4.7                                  | 4.8       | 4.6       |
| 159 A05-310                    | 4.7                                  | 4.5       | 4.9       |
| 160 STR 23078                  | 4.7                                  | 4.7       | 4.7       |
| 161 Starburst                  | 4.7                                  | 4.8       | 4.6       |
| 162 RAD-458                    | 4.7                                  | 5.2       | 4.2       |
| 163 IS-KB 6456890              | 4.7                                  | 4.4       | 5.0       |
| 164 Eagleton                   | 4.7                                  | 4.4       | 4.9       |
| 165 A00-2442-1                 | 4.7                                  | 4.4       | 5.0       |
| 166 A93-201                    | 4.7                                  | 4.2       | 5.1       |
| 167 Voyager II                 | 4.7                                  | 4.9       | 4.4       |
| 168 Blue Ridge                 | 4.7                                  | 4.2       | 5.1       |
| 169 Arrowhead                  | 4.7                                  | 4.8       | 4.5       |
| 170 PST-102-158                | 4.6                                  | 4.5       | 4.7       |
| 171 PST-102-360                | 4.6                                  | 4.6       | 4.6       |
| 172 SR 2100                    | 4.6                                  | 4.4       | 4.9       |
| 173 A03TB-411 (TB x KB hybrid) | 4.6                                  | 4.9       | 4.3       |
| 174 Bandera (TB x KB hybrid)   | 4.6                                  | 4.9       | 4.3       |
| 175 A03TB-677 (TB x KB hybrid) | 4.6                                  | 4.7       | 4.5       |

(Continued)

Table 7 (continued).

| Cultivar or Selection          | -----Turf Quality <sup>1</sup> ----- |           |           |
|--------------------------------|--------------------------------------|-----------|-----------|
|                                | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 176 STR 2332                   | 4.6                                  | 4.5       | 4.6       |
| 177 A05-358                    | 4.6                                  | 4.7       | 4.4       |
| 178 PST-109-285                | 4.6                                  | 5.2       | 3.9       |
| 179 Hunnington                 | 4.5                                  | 4.7       | 4.4       |
| 180 A99-3119-1                 | 4.5                                  | 4.5       | 4.6       |
| 181 Full Moon                  | 4.5                                  | 4.3       | 4.7       |
| 182 STR 2509                   | 4.5                                  | 4.8       | 4.2       |
| 183 A00-1254                   | 4.5                                  | 4.8       | 4.2       |
| 184 Aviator                    | 4.5                                  | 4.2       | 4.8       |
| 185 A05-306                    | 4.5                                  | 4.4       | 4.6       |
| 186 A03-63                     | 4.5                                  | 4.4       | 4.6       |
| 187 H94-305                    | 4.5                                  | 4.1       | 4.8       |
| 188 A04TB-275 (TB x KB hybrid) | 4.5                                  | 4.6       | 4.3       |
| 189 PP 028412                  | 4.5                                  | 4.5       | 4.4       |
| 190 PP 028401                  | 4.5                                  | 4.9       | 4.0       |
| 191 Kingfisher                 | 4.4                                  | 4.1       | 4.8       |
| 192 RAD-474                    | 4.4                                  | 4.1       | 4.7       |
| 193 RAD-475                    | 4.4                                  | 4.3       | 4.5       |
| 194 SPTR 2959                  | 4.4                                  | 4.1       | 4.6       |
| 195 RAD-614                    | 4.4                                  | 4.2       | 4.6       |
| 196 Unique                     | 4.4                                  | 4.6       | 4.1       |
| 197 Ulysses                    | 4.4                                  | 4.4       | 4.3       |
| 198 PST-104-59                 | 4.3                                  | 4.4       | 4.3       |
| 199 A05-204                    | 4.3                                  | 4.3       | 4.2       |
| 200 Orfeo                      | 4.3                                  | 4.1       | 4.5       |
| 201 H01-844                    | 4.3                                  | 3.8       | 4.7       |
| 202 Showcase                   | 4.3                                  | 4.1       | 4.4       |
| 203 SR 2284                    | 4.3                                  | 4.1       | 4.4       |
| 204 A05-323                    | 4.2                                  | 4.4       | 4.0       |
| 205 A05-350                    | 4.2                                  | 4.1       | 4.3       |
| 206 A98-689                    | 4.2                                  | 4.4       | 4.1       |
| 207 Deepblue                   | 4.2                                  | 3.9       | 4.5       |
| 208 PST-1A3-472                | 4.2                                  | 4.1       | 4.3       |
| 209 W185-06                    | 4.2                                  | 4.0       | 4.3       |
| 210 Corsair                    | 4.2                                  | 3.8       | 4.5       |

(Continued)

Table 7 (continued).

| Cultivar or Selection         | -----Turf Quality <sup>1</sup> ----- |           |           |
|-------------------------------|--------------------------------------|-----------|-----------|
|                               | 2007-2008 Avg.                       | 2007 Avg. | 2008 Avg. |
| 211 A97-1799                  | 4.1                                  | 4.3       | 3.9       |
| 212 Spitfire (TB x KB hybrid) | 4.1                                  | 4.0       | 4.2       |
| 213 A05-329                   | 4.0                                  | 3.6       | 4.4       |
| 214 PST-102-965               | 4.0                                  | 3.9       | 4.1       |
| 215 Guinness                  | 4.0                                  | 4.2       | 3.7       |
| 216 Moonshine                 | 3.9                                  | 4.0       | 3.9       |
| 217 PST-1G4-52                | 3.9                                  | 3.5       | 4.4       |
| LSD at 5% =                   | 1.7                                  | 0.8       | 1.1       |

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

<sup>2</sup>Texas x Kentucky bluegrass hybrid

Table 8. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2007 at North Brunswick, NJ.

| Cultivar or Selection                       | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Sept. 2007 | Color <sup>3</sup><br>Oct. 2007 |
|---|-----------------------------------|--|---------------------------------|
| 1 Prosperity                                | 6.8                               | 6.3                                      | 7.0                             |
| 2 A05-321                                   | 6.4                               | 5.3                                      | 5.0                             |
| 3 A00-3037                                  | 6.4                               | 5.3                                      | 4.0                             |
| 4 Liberator                                 | 6.3                               | 5.0                                      | 5.7                             |
| 5 Everest                                   | 6.3                               | 5.0                                      | 6.7                             |
| 6 A04-1272                                  | 6.2                               | 5.3                                      | 7.3                             |
| 7 95-2404                                   | 6.2                               | 5.3                                      | 6.0                             |
| 8 PST-109-996                               | 6.2                               | 3.7                                      | 5.7                             |
| 9 A03-25                                    | 6.1                               | 4.7                                      | 5.0                             |
| 10 A00-8                                    | 6.1                               | 4.0                                      | 5.0                             |
| 11 Nuglade                                  | 6.1                               | 5.3                                      | 6.7                             |
| 12 Midnight II                              | 6.1                               | 4.7                                      | 6.0                             |
| 13 A04-1375                                 | 6.1                               | 5.3                                      | 6.3                             |
| 14 A04-1381                                 | 6.0                               | 5.0                                      | 4.3                             |
| 15 A06-84                                   | 6.0                               | 5.7                                      | 7.3                             |
| 16 A04TB-258 (TB x KB hybrid <sup>4</sup> ) | 6.0                               | 3.7                                      | 5.7                             |
| 17 A96-1338                                 | 6.0                               | 5.3                                      | 3.3                             |
| 18 A05-361                                  | 6.0                               | 5.3                                      | 6.3                             |
| 19 A04-69                                   | 6.0                               | 6.0                                      | 5.0                             |
| 20 A04-1271                                 | 5.9                               | 5.7                                      | 4.7                             |
| 21 A03-6                                    | 5.9                               | 4.7                                      | 5.0                             |
| 22 A04-383                                  | 5.9                               | 4.0                                      | 5.0                             |
| 23 A03-8                                    | 5.9                               | 5.3                                      | 4.0                             |
| 24 A01-583                                  | 5.9                               | 5.3                                      | 5.3                             |
| 25 A06-42                                   | 5.9                               | 4.7                                      | 6.3                             |
| 26 H03-556                                  | 5.8                               | 7.0                                      | 4.0                             |
| 27 A03-5                                    | 5.8                               | 4.3                                      | 4.7                             |
| 28 A04-383                                  | 5.8                               | 4.0                                      | 5.0                             |
| 29 A04-1407                                 | 5.8                               | 5.7                                      | 6.0                             |
| 30 A04-1368                                 | 5.8                               | 4.0                                      | 5.3                             |
| 31 A04-1557                                 | 5.8                               | 5.3                                      | 7.0                             |
| 32 Beyond                                   | 5.8                               | 5.7                                      | 6.0                             |
| 33 Longhorn (TB x KB hybrid)                | 5.8                               | 4.7                                      | 3.3                             |
| 34 A05-322                                  | 5.8                               | 5.3                                      | 5.7                             |
| 35 Rambo                                    | 5.8                               | 4.7                                      | 6.3                             |

(Continued)

Table 8 (continued).

| Cultivar or Selection         | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Sept. 2007 | Color <sup>3</sup><br>Oct. 2007 |
|-------------------------------|-----------------------------------|--|---------------------------------|
| 36 Ginney                     | 5.8                               | 5.0                                      | 5.7                             |
| 37 RSP                        | 5.7                               | 4.7                                      | 4.0                             |
| 38 A04-1569                   | 5.7                               | 5.3                                      | 6.7                             |
| 39 H98-767                    | 5.7                               | 5.3                                      | 6.3                             |
| 40 A05-333                    | 5.7                               | 5.0                                      | 5.3                             |
| 41 A94MH-94                   | 5.7                               | 6.0                                      | 5.0                             |
| 42 Odyssey                    | 5.7                               | 4.7                                      | 5.3                             |
| 43 H99-334                    | 5.7                               | 3.3                                      | 4.3                             |
| 44 A05-847                    | 5.7                               | 5.7                                      | 4.3                             |
| 45 Impact                     | 5.7                               | 4.3                                      | 5.3                             |
| 46 Jump Start                 | 5.7                               | 6.7                                      | 6.3                             |
| 47 A05-314                    | 5.6                               | 4.7                                      | 6.3                             |
| 48 A99-447                    | 5.6                               | 5.3                                      | 7.0                             |
| 49 A05-325                    | 5.6                               | 6.0                                      | 5.0                             |
| 50 A00-1395                   | 5.6                               | 5.0                                      | 5.0                             |
| 51 Chicago II                 | 5.6                               | 5.3                                      | 7.3                             |
| 52 H02-607                    | 5.6                               | 4.7                                      | 5.0                             |
| 53 A99-2123                   | 5.6                               | 5.3                                      | 7.0                             |
| 54 Award                      | 5.6                               | 5.0                                      | 6.3                             |
| 55 Everglade                  | 5.6                               | 6.0                                      | 6.3                             |
| 56 Diva                       | 5.6                               | 4.3                                      | 5.3                             |
| 57 Hunnington                 | 5.6                               | 5.3                                      | 3.3                             |
| 58 Moonlight SLT              | 5.6                               | 6.0                                      | 8.0                             |
| 59 H07-5                      | 5.5                               | 5.3                                      | 4.7                             |
| 60 A03-26                     | 5.5                               | 4.3                                      | 4.3                             |
| 61 A04-1347                   | 5.5                               | 6.0                                      | 5.0                             |
| 62 103-87                     | 5.5                               | 4.7                                      | 7.0                             |
| 63 A04TB-212 (TB x KB hybrid) | 5.5                               | 4.0                                      | 5.7                             |
| 64 A04-1470                   | 5.5                               | 6.0                                      | 6.3                             |
| 65 A05-316                    | 5.5                               | 5.0                                      | 5.0                             |
| 66 Brilliant                  | 5.5                               | 4.3                                      | 5.3                             |
| 67 H01-844                    | 5.5                               | 6.7                                      | 4.0                             |
| 68 A99-2758                   | 5.5                               | 5.3                                      | 6.7                             |
| 69 A06-36                     | 5.5                               | 5.7                                      | 4.7                             |
| 70 A99-2103                   | 5.5                               | 6.0                                      | 7.3                             |
| 71 Moonlight                  | 5.5                               | 4.7                                      | 8.0                             |
| 72 High Noon                  | 5.5                               | 5.7                                      | 5.0                             |
| 73 A03-51                     | 5.4                               | 3.0                                      | 7.0                             |
| 74 A93-201                    | 5.4                               | 5.3                                      | 5.3                             |
| 75 A02-1429                   | 5.4                               | 4.3                                      | 6.3                             |

(Continued)

Table 8 (continued).

|     | Cultivar or Selection      | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Sept. 2007 | Color <sup>3</sup><br>Oct. 2007 |
|-----|----------------------------|-----------------------------------|--|---------------------------------|
| 76  | A04-1489                   | 5.4                               | 5.7                                      | 6.3                             |
| 77  | A96-363                    | 5.4                               | 4.7                                      | 7.0                             |
| 78  | A04-67                     | 5.4                               | 6.0                                      | 5.0                             |
| 79  | A00-4019                   | 5.4                               | 5.0                                      | 3.7                             |
| 80  | Mystere                    | 5.4                               | 4.3                                      | 6.0                             |
| 81  | PST-K4F-18                 | 5.4                               | 3.3                                      | 4.3                             |
| 82  | A04-66                     | 5.4                               | 5.0                                      | 6.7                             |
| 83  | A00-1193                   | 5.4                               | 4.7                                      | 6.0                             |
| 84  | A04-37                     | 5.4                               | 4.7                                      | 5.0                             |
| 85  | T7-4                       | 5.4                               | 3.0                                      | 5.7                             |
| 86  | A04TB-338 (TB x KB hybrid) | 5.4                               | 2.7                                      | 7.7                             |
| 87  | A04-1377                   | 5.3                               | 5.7                                      | 3.7                             |
| 88  | H02-647                    | 5.3                               | 5.0                                      | 6.3                             |
| 89  | A04-74                     | 5.3                               | 5.0                                      | 7.0                             |
| 90  | A04TB-275 (TB x KB hybrid) | 5.3                               | 3.3                                      | 4.7                             |
| 91  | A05-313                    | 5.3                               | 5.7                                      | 4.7                             |
| 92  | A04-387                    | 5.3                               | 5.3                                      | 3.3                             |
| 93  | A04-1384                   | 5.3                               | 5.3                                      | 5.3                             |
| 94  | A98-962                    | 5.3                               | 3.0                                      | 4.7                             |
| 95  | A96-409                    | 5.3                               | 3.7                                      | 6.3                             |
| 96  | Tsunami                    | 5.3                               | 4.0                                      | 6.7                             |
| 97  | H07-3                      | 5.3                               | 5.3                                      | 5.7                             |
| 98  | A98-3322                   | 5.3                               | 6.3                                      | 6.7                             |
| 99  | A05-323                    | 5.2                               | 4.0                                      | 6.0                             |
| 100 | Julia                      | 5.2                               | 4.7                                      | 4.7                             |
| 101 | H03-510                    | 5.2                               | 4.7                                      | 3.7                             |
| 102 | H99-384                    | 5.2                               | 4.7                                      | 7.0                             |
| 103 | Rush                       | 5.2                               | 4.3                                      | 6.3                             |
| 104 | A05TB-275 (TB x KB hybrid) | 5.2                               | 2.3                                      | 5.3                             |
| 105 | A04-391                    | 5.2                               | 1.7                                      | 4.3                             |
| 106 | A99-712                    | 5.2                               | 2.7                                      | 4.0                             |
| 107 | Princeton P-105            | 5.2                               | 2.3                                      | 5.0                             |
| 108 | H03-532                    | 5.2                               | 4.7                                      | 4.3                             |
| 109 | H99-1626                   | 5.2                               | 5.0                                      | 6.0                             |
| 110 | Rugby II                   | 5.2                               | 4.3                                      | 5.7                             |
| 111 | PST-K7-26                  | 5.2                               | 1.3                                      | 5.3                             |
| 112 | H07-2                      | 5.1                               | 4.0                                      | 6.3                             |
| 113 | A04-1452                   | 5.1                               | 5.3                                      | 3.0                             |
| 114 | Mystique                   | 5.1                               | 3.0                                      | 5.3                             |
| 115 | A93-201                    | 5.1                               | 4.3                                      | 5.3                             |

(Continued)

Table 8 (continued).

| Cultivar or Selection | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Sept. 2007 | Color <sup>3</sup><br>Oct. 2007 |
|-----------------------|-----------------------------------|--|---------------------------------|
| 116 Thorough-Blue     | 5.1                               | 6.0                                      | 3.3                             |
| 117 Moon Beam         | 5.1                               | 4.7                                      | 8.0                             |
| 118 PST-T7-6          | 5.1                               | 2.0                                      | 6.3                             |
| 119 PST-K4-8          | 5.1                               | 3.0                                      | 7.0                             |
| 120 PST-T7-7          | 5.1                               | 2.0                                      | 7.0                             |
| 121 Blacksburg        | 5.1                               | 4.7                                      | 4.7                             |
| 122 A04-1315          | 5.1                               | 4.0                                      | 5.3                             |
| 123 A05-201           | 5.1                               | 3.3                                      | 4.0                             |
| 124 95-2024           | 5.1                               | 5.3                                      | 6.0                             |
| 125 Guinness          | 5.1                               | 6.3                                      | 4.3                             |
| 126 A97-1328          | 5.0                               | 5.0                                      | 5.0                             |
| 127 A98-3366          | 5.0                               | 4.7                                      | 5.3                             |
| 128 A05-894           | 5.0                               | 4.3                                      | 6.3                             |
| 129 A01-245           | 5.0                               | 5.0                                      | 6.0                             |
| 130 PST-K4-3          | 5.0                               | 4.3                                      | 6.3                             |
| 131 A98-708           | 5.0                               | 4.7                                      | 7.0                             |
| 132 A04-1415          | 4.9                               | 6.0                                      | 4.7                             |
| 133 A03-28            | 4.9                               | 3.0                                      | 5.3                             |
| 134 PpH8510           | 4.9                               | 3.3                                      | 5.7                             |
| 135 PST-K4-5          | 4.9                               | 3.3                                      | 5.7                             |
| 136 H02-608           | 4.9                               | 5.0                                      | 6.3                             |
| 137 PST-K7-39         | 4.9                               | 2.0                                      | 7.7                             |
| 138 A99-2897          | 4.9                               | 5.0                                      | 8.0                             |
| 139 A04-394           | 4.9                               | 1.3                                      | 4.0                             |
| 140 A04-1547          | 4.9                               | 5.7                                      | 2.0                             |
| 141 A04-15            | 4.9                               | 8.3                                      | 3.0                             |
| 142 Moonshine         | 4.9                               | 7.7                                      | 4.3                             |
| 143 104-59            | 4.9                               | 2.0                                      | 4.3                             |
| 144 A04-1268          | 4.8                               | 6.0                                      | 3.3                             |
| 145 A04-14            | 4.8                               | 8.3                                      | 2.7                             |
| 146 A06-33            | 4.8                               | 5.3                                      | 7.0                             |
| 147 A98-344           | 4.8                               | 5.0                                      | 7.0                             |
| 148 PST-T7-2          | 4.8                               | 2.0                                      | 5.0                             |
| 149 A00-1400          | 4.8                               | 3.7                                      | 7.0                             |
| 150 A98-1001          | 4.8                               | 4.0                                      | 6.0                             |
| 151 PST-103-412       | 4.8                               | 2.3                                      | 6.7                             |
| 152 PST-K7-37         | 4.8                               | 1.3                                      | 5.7                             |
| 153 PST-K7-24         | 4.8                               | 1.7                                      | 5.0                             |
| 154 PST-K7-34         | 4.8                               | 2.0                                      | 7.0                             |
| 155 H07-4             | 4.7                               | 3.7                                      | 7.3                             |

(Continued)

Table 8 (continued).

| Cultivar or Selection          | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Sept. 2007 | Color <sup>3</sup><br>Oct. 2007 |
|--------------------------------|-----------------------------------|--|---------------------------------|
| 156 A03-72                     | 4.7                               | 3.3                                      | 7.3                             |
| 157 A99-1799                   | 4.7                               | 5.7                                      | 5.0                             |
| 158 PST-K4-9                   | 4.7                               | 2.7                                      | 8.0                             |
| 159 PST-K7-32                  | 4.7                               | 5.0                                      | 5.0                             |
| 160 A02-976                    | 4.7                               | 2.3                                      | 5.7                             |
| 161 A06-23                     | 4.6                               | 4.0                                      | 6.0                             |
| 162 Dynamo                     | 4.6                               | 2.3                                      | 6.3                             |
| 163 A91-703                    | 4.6                               | 5.0                                      | 4.3                             |
| 164 PST-K4-7                   | 4.6                               | 2.0                                      | 5.3                             |
| 165 PST-K7-29                  | 4.6                               | 1.0                                      | 5.7                             |
| 166 Baron                      | 4.6                               | 5.0                                      | 3.7                             |
| 167 A05-200                    | 4.6                               | 3.0                                      | 7.7                             |
| 168 PST-K7-27                  | 4.6                               | 1.0                                      | 5.3                             |
| 169 H07-1                      | 4.5                               | 6.0                                      | 6.3                             |
| 170 A04-1342                   | 4.5                               | 4.3                                      | 3.7                             |
| 171 PST-T7-8                   | 4.5                               | 2.0                                      | 7.7                             |
| 172 Full Moon                  | 4.5                               | 5.7                                      | 4.7                             |
| 173 H99-1551                   | 4.5                               | 4.3                                      | 6.7                             |
| 174 PST-K4-4                   | 4.5                               | 2.3                                      | 7.7                             |
| 175 PST-K4-10                  | 4.5                               | 3.0                                      | 5.3                             |
| 176 PST-K7-40                  | 4.5                               | 2.3                                      | 7.3                             |
| 177 A04TB-152 (TB x KB hybrid) | 4.5                               | 3.7                                      | 5.0                             |
| 178 A04-13                     | 4.4                               | 7.0                                      | 3.0                             |
| 179 PST-K7-41G                 | 4.4                               | 2.7                                      | 3.0                             |
| 180 A04-1474                   | 4.4                               | 5.3                                      | 6.0                             |
| 181 A05-203                    | 4.4                               | 4.0                                      | 5.3                             |
| 182 PST-1G4-68                 | 4.4                               | 3.3                                      | 5.3                             |
| 183 A03-37                     | 4.3                               | 5.0                                      | 4.7                             |
| 184 A05TB-386 (TB x KB hybrid) | 4.3                               | 1.7                                      | 7.3                             |
| 185 H07-6                      | 4.3                               | 3.7                                      | 7.0                             |
| 186 H03-546                    | 4.3                               | 5.3                                      | 2.0                             |
| 187 A05-345                    | 4.3                               | 4.7                                      | 7.3                             |
| 188 PST-K7-44D                 | 4.3                               | 1.0                                      | 5.7                             |
| 189 A05-204                    | 4.3                               | 3.3                                      | 7.7                             |
| 190 PST-K7-30                  | 4.2                               | 1.0                                      | 6.3                             |
| 191 H94-305                    | 4.2                               | 5.3                                      | 3.7                             |
| 192 PST-103-651                | 4.2                               | 1.0                                      | 7.0                             |
| 193 PST-T7-3                   | 4.1                               | 2.7                                      | 4.7                             |
| 194 PST-K7-36                  | 4.0                               | 1.7                                      | 4.7                             |
| 195 NuBlue                     | 4.0                               | 5.3                                      | 3.3                             |

(Continued)



Table 8 (continued).

| Cultivar or Selection          | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Sept. 2007 | Color <sup>3</sup><br>Oct. 2007 |
|--------------------------------|-----------------------------------|--|---------------------------------|
| 196 PST-K7-28                  | 4.0                               | 1.3                                      | 7.0                             |
| 197 A05-329                    | 4.0                               | 1.7                                      | 6.3                             |
| 198 PST-K7-23                  | 3.9                               | 3.3                                      | 5.3                             |
| 199 A97-1271                   | 3.9                               | 3.7                                      | 7.3                             |
| 200 PST-K7-22                  | 3.9                               | 2.0                                      | 7.0                             |
| 201 PST-K7-38                  | 3.8                               | 1.7                                      | 6.3                             |
| 202 A05-332                    | 3.8                               | 4.3                                      | 7.7                             |
| 203 PST-103-692                | 3.8                               | 1.0                                      | 5.7                             |
| 204 A05TB-382 (TB x KB hybrid) | 3.8                               | 1.3                                      | 7.0                             |
| 205 Hawman                     | 3.8                               | 1.0                                      | 5.3                             |
| 206 PST-K7-31                  | 3.7                               | 1.0                                      | 6.0                             |
| 207 H07-7                      | 3.5                               | 2.3                                      | 7.3                             |
| 208 PST-K4-15                  | 3.5                               | 2.3                                      | 7.0                             |
| 209 H92-558                    | 3.4                               | 1.0                                      | 6.3                             |
| 210 PST-K7-19                  | 3.4                               | 1.0                                      | 6.3                             |
| 211 A04TB-192 (TB x KB hybrid) | 3.4                               | 2.3                                      | 5.0                             |
| 212 PST-K7-25                  | 3.3                               | 1.3                                      | 7.0                             |
| 213 PST-K7-43D                 | 3.3                               | 1.3                                      | 4.3                             |
| 214 A05TB-459 (TB x KB hybrid) | 3.3                               | 1.3                                      | 6.0                             |
| 215 A96-742                    | 3.2                               | 1.0                                      | 6.3                             |
| 216 PST-K4-6                   | 2.9                               | 2.3                                      | 8.0                             |
| 217 A05TB-94 (TB x KB hybrid)  | 2.9                               | 1.3                                      | 6.7                             |
| 218 102-234                    | 2.2                               | 1.3                                      | 6.7                             |
| LSD at 5% =                    | 0.9                               | 1.1                                      | 1.1                             |

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = fastest establishment<sup>3</sup>9 = darkest genetic green color<sup>4</sup>Texas x Kentucky bluegrass hybrid

Table 9. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2007 at Adelphia, NJ.

| Cultivar or Selection                       | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|---|-----------------------------------|---|-------------------------------------|
| 1 A00-1400                                  | 6.4                               | 5.3                                     | 6.0                                 |
| 2 A03-3590-6                                | 6.3                               | 7.3                                     | 5.7                                 |
| 3 A98-708                                   | 6.3                               | 6.7                                     | 8.0                                 |
| 4 95-2404                                   | 6.2                               | 6.7                                     | 3.3                                 |
| 5 PST-K4-9                                  | 6.2                               | 5.3                                     | 4.7                                 |
| 6 A03-3                                     | 6.2                               | 7.7                                     | 5.7                                 |
| 7 A06-84                                    | 6.2                               | 6.0                                     | 8.7                                 |
| 8 A04-1489                                  | 6.1                               | 7.0                                     | 6.0                                 |
| 9 Jump Start                                | 6.1                               | 8.0                                     | 3.3                                 |
| 10 PST-K7-40                                | 6.1                               | 4.3                                     | 6.7                                 |
| 11 A03-3606-8                               | 6.1                               | 7.3                                     | 7.0                                 |
| 12 Beyond                                   | 6.0                               | 5.3                                     | 4.3                                 |
| 13 Mystere                                  | 6.0                               | 8.0                                     | 4.0                                 |
| 14 Aura                                     | 6.0                               | 8.7                                     | 4.0                                 |
| 15 A05-364                                  | 6.0                               | 6.7                                     | 4.7                                 |
| 16 A03-3597-1                               | 6.0                               | 7.3                                     | 6.7                                 |
| 17 A04-68                                   | 6.0                               | 7.3                                     | 3.3                                 |
| 18 A04-1375                                 | 5.9                               | 5.7                                     | 6.7                                 |
| 19 AKB 449                                  | 5.9                               | 6.7                                     | 5.0                                 |
| 20 Arcadia                                  | 5.9                               | 7.0                                     | 3.0                                 |
| 21 A97-1686                                 | 5.8                               | 6.3                                     | 4.7                                 |
| 22 RAD-631                                  | 5.8                               | 5.0                                     | 7.0                                 |
| 23 A07-5                                    | 5.7                               | 6.3                                     | 6.0                                 |
| 24 A04-1470                                 | 5.7                               | 5.0                                     | 7.3                                 |
| 25 A99-2123                                 | 5.7                               | 6.3                                     | 7.0                                 |
| 26 Odyssey                                  | 5.7                               | 7.0                                     | 3.3                                 |
| 27 Princeton P-105                          | 5.7                               | 7.3                                     | 7.3                                 |
| 28 Midnight II                              | 5.7                               | 7.0                                     | 4.0                                 |
| 29 A03-51                                   | 5.7                               | 4.7                                     | 6.0                                 |
| 30 Nuglade                                  | 5.7                               | 6.7                                     | 2.7                                 |
| 31 Ginney                                   | 5.7                               | 5.7                                     | 4.0                                 |
| 32 A04TB-338 (TB x KB hybrid <sup>4</sup> ) | 5.7                               | 5.3                                     | 8.0                                 |
| 33 A05-295                                  | 5.7                               | 5.7                                     | 5.7                                 |
| 34 A04-69                                   | 5.6                               | 7.3                                     | 5.7                                 |
| 35 A99-2758                                 | 5.6                               | 7.3                                     | 5.0                                 |

(Continued)

Table 9 (continued).

| Cultivar or Selection         | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|-------------------------------|-----------------------------------|---|-------------------------------------|
| 36 A00-1193                   | 5.6                               | 6.7                                     | 7.0                                 |
| 37 A00-4019                   | 5.6                               | 7.3                                     | 3.7                                 |
| 38 Tsunami                    | 5.6                               | 6.0                                     | 2.3                                 |
| 39 PST-T7-4                   | 5.6                               | 5.3                                     | 6.7                                 |
| 40 PST-T7-7                   | 5.6                               | 5.3                                     | 6.7                                 |
| 41 OAN-614                    | 5.6                               | 7.0                                     | 4.7                                 |
| 42 Yankee                     | 5.6                               | 6.7                                     | 2.3                                 |
| 43 A96-1338                   | 5.5                               | 7.7                                     | 7.7                                 |
| 44 A04-1474                   | 5.5                               | 6.0                                     | 7.3                                 |
| 45 A96-363                    | 5.5                               | 5.7                                     | 7.0                                 |
| 46 A04-1268                   | 5.5                               | 5.7                                     | 6.7                                 |
| 47 A06-23                     | 5.5                               | 6.3                                     | 7.7                                 |
| 48 A01-583                    | 5.5                               | 7.0                                     | 4.3                                 |
| 49 Rambo                      | 5.5                               | 6.0                                     | 3.7                                 |
| 50 PST-K7-37                  | 5.5                               | 4.3                                     | 5.7                                 |
| 51 A04-71                     | 5.5                               | 4.3                                     | 4.7                                 |
| 52 Rhythm                     | 5.5                               | 6.7                                     | 2.0                                 |
| 53 RAD-343                    | 5.5                               | 8.3                                     | 7.7                                 |
| 54 A05-366                    | 5.5                               | 6.3                                     | 5.0                                 |
| 55 STR 2324                   | 5.5                               | 6.3                                     | 7.7                                 |
| 56 A05-321                    | 5.5                               | 7.3                                     | 3.3                                 |
| 57 A00-3037                   | 5.5                               | 8.0                                     | 8.0                                 |
| 58 PST-K4-8                   | 5.5                               | 5.3                                     | 2.3                                 |
| 59 RAD-507                    | 5.5                               | 6.7                                     | 6.7                                 |
| 60 Moonshadow                 | 5.5                               | 7.3                                     | 7.3                                 |
| 61 A02-1429                   | 5.4                               | 7.0                                     | 5.7                                 |
| 62 Julia                      | 5.4                               | 6.3                                     | 5.3                                 |
| 63 A04-1272                   | 5.4                               | 6.7                                     | 7.7                                 |
| 64 A04-66                     | 5.4                               | 6.0                                     | 5.0                                 |
| 65 A04-1381                   | 5.4                               | 6.7                                     | 2.0                                 |
| 66 Everest                    | 5.4                               | 7.0                                     | 2.3                                 |
| 67 95-2024                    | 5.4                               | 7.0                                     | 2.3                                 |
| 68 PST-K7-22                  | 5.4                               | 5.3                                     | 6.3                                 |
| 69 Emblem                     | 5.4                               | 6.3                                     | 2.0                                 |
| 70 A99-2897                   | 5.3                               | 6.0                                     | 5.7                                 |
| 71 A94MH-94                   | 5.3                               | 6.7                                     | 7.7                                 |
| 72 A05-316                    | 5.3                               | 8.0                                     | 4.7                                 |
| 73 Moonlight SLT              | 5.3                               | 7.3                                     | 5.7                                 |
| 74 PST-103-412                | 5.3                               | 4.7                                     | 4.7                                 |
| 75 A03TB-965 (TB x KB hybrid) | 5.3                               | 6.3                                     | 6.0                                 |

(Continued)

Table 9 (continued).

| Cultivar or Selection         | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|-------------------------------|-----------------------------------|---|-------------------------------------|
| 76 SR 2100                    | 5.3                               | 7.0                                     | 5.0                                 |
| 77 A05-314                    | 5.3                               | 7.0                                     | 7.3                                 |
| 78 H02-608                    | 5.3                               | 6.3                                     | 4.7                                 |
| 79 A91-703                    | 5.3                               | 8.3                                     | 5.3                                 |
| 80 Award                      | 5.3                               | 6.3                                     | 3.0                                 |
| 81 PST-103-87                 | 5.3                               | 5.3                                     | 3.3                                 |
| 82 A04TB-212 (TB x KB hybrid) | 5.3                               | 5.3                                     | 7.7                                 |
| 83 BDG-7-762                  | 5.3                               | 7.7                                     | 7.7                                 |
| 84 BDG-7-474                  | 5.3                               | 6.3                                     | 3.0                                 |
| 85 A03TB-775 (TB x KB hybrid) | 5.3                               | 4.7                                     | 6.3                                 |
| 86 98-15 White/Green          | 5.3                               | 7.7                                     | 2.3                                 |
| 87 A04-1488                   | 5.3                               | 4.0                                     | 6.3                                 |
| 88 Quantum Leap               | 5.3                               | 6.3                                     | 3.0                                 |
| 89 A05-351                    | 5.3                               | 7.7                                     | 6.7                                 |
| 90 A04-1315                   | 5.2                               | 5.7                                     | 5.3                                 |
| 91 A05-361                    | 5.2                               | 6.0                                     | 5.7                                 |
| 92 A98-344                    | 5.2                               | 7.3                                     | 5.0                                 |
| 93 PST-K7-39                  | 5.2                               | 4.0                                     | 5.0                                 |
| 94 PST-1G4-68                 | 5.2                               | 6.0                                     | 2.7                                 |
| 95 RAD-502                    | 5.2                               | 4.0                                     | 6.0                                 |
| 96 Pick 366                   | 5.2                               | 6.7                                     | 4.7                                 |
| 97 A05-347                    | 5.2                               | 7.0                                     | 5.3                                 |
| 98 A03-7                      | 5.2                               | 6.5                                     | 2.5                                 |
| 99 A05-894                    | 5.1                               | 5.7                                     | 3.0                                 |
| 100 PST-K4-5                  | 5.1                               | 5.7                                     | 5.3                                 |
| 101 PST-109-996               | 5.1                               | 6.0                                     | 4.0                                 |
| 102 BDG-7-343                 | 5.1                               | 6.7                                     | 6.0                                 |
| 103 Rhapsody                  | 5.1                               | 7.3                                     | 4.0                                 |
| 104 RAD-510                   | 5.1                               | 7.0                                     | 7.0                                 |
| 105 H04-CTBT-295              | 5.1                               | 7.0                                     | 6.0                                 |
| 106 A07-3                     | 5.1                               | 5.0                                     | 6.3                                 |
| 107 A07-7                     | 5.1                               | 4.0                                     | 6.0                                 |
| 108 A03-37                    | 5.1                               | 6.7                                     | 7.0                                 |
| 109 A04-1415                  | 5.1                               | 7.7                                     | 6.3                                 |
| 110 A98-3322                  | 5.1                               | 7.0                                     | 3.0                                 |
| 111 A01-245                   | 5.1                               | 7.0                                     | 5.3                                 |
| 112 Rush                      | 5.1                               | 6.0                                     | 3.0                                 |
| 113 High Noon                 | 5.1                               | 6.7                                     | 6.7                                 |
| 114 Prosperity                | 5.1                               | 7.7                                     | 3.3                                 |
| 115 A06-596                   | 5.1                               | 5.3                                     | 3.7                                 |

(Continued)

Table 9 (continued).

| Cultivar or Selection          | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|--------------------------------|-----------------------------------|---|-------------------------------------|
| 116 A04TB-275 (TB x KB hybrid) | 5.1                               | 6.0                                     | 7.0                                 |
| 117 RAD-232                    | 5.1                               | 5.0                                     | 8.0                                 |
| 118 RAD-630                    | 5.1                               | 4.7                                     | 6.3                                 |
| 119 STR 2485                   | 5.1                               | 8.0                                     | 7.3                                 |
| 120 A04-1342                   | 5.0                               | 5.0                                     | 3.3                                 |
| 121 A05-847                    | 5.0                               | 7.3                                     | 7.3                                 |
| 122 H02-647                    | 5.0                               | 5.3                                     | 5.0                                 |
| 123 A98-3366                   | 5.0                               | 6.7                                     | 2.3                                 |
| 124 A99-447                    | 5.0                               | 7.0                                     | 6.0                                 |
| 125 A06-36                     | 5.0                               | 6.3                                     | 4.0                                 |
| 126 Liberator                  | 5.0                               | 7.3                                     | 2.7                                 |
| 127 Diva                       | 5.0                               | 4.3                                     | 6.3                                 |
| 128 Brilliant                  | 5.0                               | 7.7                                     | 5.0                                 |
| 129 PST-K7-38                  | 5.0                               | 3.7                                     | 5.7                                 |
| 130 PST-T7-6                   | 5.0                               | 5.0                                     | 7.0                                 |
| 131 PST-K4-7                   | 5.0                               | 5.7                                     | 4.3                                 |
| 132 A04TB-258 (TB x KB hybrid) | 5.0                               | 4.3                                     | 7.3                                 |
| 133 A04-1417                   | 5.0                               | 5.3                                     | 6.7                                 |
| 134 04KYBGOT-14                | 5.0                               | 5.7                                     | 3.7                                 |
| 135 98-3 Green                 | 5.0                               | 7.7                                     | 2.7                                 |
| 136 Blue Sapphire              | 5.0                               | 6.0                                     | 4.0                                 |
| 137 SR 2109                    | 5.0                               | 8.0                                     | 4.3                                 |
| 138 Cheetah                    | 5.0                               | 7.3                                     | 3.3                                 |
| 139 PST-K7-31                  | 4.9                               | 3.0                                     | 5.7                                 |
| 140 PST-K4-15                  | 4.9                               | 4.0                                     | 4.3                                 |
| 141 A05TB-275 (TB x KB hybrid) | 4.9                               | 4.0                                     | 6.3                                 |
| 142 Touche                     | 4.9                               | 8.0                                     | 7.0                                 |
| 143 A04-1347                   | 4.9                               | 5.3                                     | 5.0                                 |
| 144 A04-1384                   | 4.9                               | 6.7                                     | 4.0                                 |
| 145 A04-1557                   | 4.9                               | 6.0                                     | 6.3                                 |
| 146 A05-203                    | 4.9                               | 5.7                                     | 6.3                                 |
| 147 A05-204                    | 4.9                               | 5.3                                     | 7.0                                 |
| 148 NuBlue                     | 4.9                               | 6.7                                     | 5.3                                 |
| 149 PST-K7-34                  | 4.9                               | 4.3                                     | 3.7                                 |
| 150 Moonlight                  | 4.9                               | 7.3                                     | 6.0                                 |
| 151 Longhorn (TB x KB hybrid)  | 4.9                               | 7.3                                     | 7.0                                 |
| 152 A99-2717                   | 4.9                               | 6.7                                     | 5.3                                 |
| 153 Argos                      | 4.9                               | 6.3                                     | 4.0                                 |
| 154 A04-1569                   | 4.8                               | 6.7                                     | 6.3                                 |
| 155 A00-8                      | 4.8                               | 7.3                                     | 3.7                                 |

(Continued)

Table 9 (continued).

|     | Cultivar or Selection    | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|-----|--------------------------|-----------------------------------|---|-------------------------------------|
| 156 | A05-201                  | 4.8                               | 5.0                                     | 7.0                                 |
| 157 | Chicago II               | 4.8                               | 6.3                                     | 2.7                                 |
| 158 | PpH8510                  | 4.8                               | 6.3                                     | 3.3                                 |
| 159 | Moon Beam                | 4.8                               | 6.3                                     | 3.7                                 |
| 160 | Dynamo                   | 4.8                               | 6.3                                     | 3.7                                 |
| 161 | A04-1518                 | 4.8                               | 7.0                                     | 6.3                                 |
| 162 | RAD-339                  | 4.8                               | 7.7                                     | 3.0                                 |
| 163 | STR 23078                | 4.8                               | 7.0                                     | 2.7                                 |
| 164 | Pick 711                 | 4.8                               | 7.7                                     | 6.0                                 |
| 165 | A05-322                  | 4.7                               | 7.0                                     | 7.0                                 |
| 166 | Blacksburg               | 4.7                               | 5.3                                     | 4.7                                 |
| 167 | H99-384                  | 4.7                               | 6.7                                     | 5.3                                 |
| 168 | A05-345                  | 4.7                               | 7.0                                     | 5.7                                 |
| 169 | A93-201                  | 4.7                               | 8.0                                     | 4.3                                 |
| 170 | Hunnington               | 4.7                               | 7.0                                     | 4.3                                 |
| 171 | PST-K7-32                | 4.7                               | 6.3                                     | 5.0                                 |
| 172 | PST-K4-3                 | 4.7                               | 5.7                                     | 5.0                                 |
| 173 | 04KYBGOT-1               | 4.7                               | 5.3                                     | 4.0                                 |
| 174 | A05-297                  | 4.7                               | 2.7                                     | 6.0                                 |
| 175 | Futurity                 | 4.7                               | 7.3                                     | 3.3                                 |
| 176 | Avalanche                | 4.7                               | 8.7                                     | 7.7                                 |
| 177 | A00-891                  | 4.7                               | 7.7                                     | 5.7                                 |
| 178 | Bandera (TB x KB hybrid) | 4.7                               | 6.7                                     | 2.3                                 |
| 179 | Alpine                   | 4.7                               | 7.0                                     | 3.3                                 |
| 180 | SR 2284                  | 4.7                               | 7.3                                     | 4.0                                 |
| 181 | RSP                      | 4.7                               | 6.3                                     | 3.7                                 |
| 182 | A99-1799                 | 4.7                               | 5.3                                     | 5.3                                 |
| 183 | H01-844                  | 4.7                               | 8.0                                     | 8.0                                 |
| 184 | A05-325                  | 4.7                               | 7.7                                     | 6.7                                 |
| 185 | A05-200                  | 4.7                               | 5.0                                     | 6.3                                 |
| 186 | A99-2103                 | 4.7                               | 7.7                                     | 3.7                                 |
| 187 | H94-305                  | 4.7                               | 7.0                                     | 4.3                                 |
| 188 | PST-T7-8                 | 4.7                               | 2.7                                     | 5.7                                 |
| 189 | PST-T7-3                 | 4.7                               | 5.0                                     | 4.7                                 |
| 190 | A03-63                   | 4.7                               | 4.7                                     | 6.0                                 |
| 191 | RAD-640                  | 4.7                               | 6.3                                     | 2.0                                 |
| 192 | Starburst                | 4.7                               | 6.0                                     | 3.3                                 |
| 193 | STR 23064                | 4.7                               | 5.0                                     | 5.3                                 |
| 194 | Ulysses                  | 4.7                               | 5.7                                     | 2.0                                 |
| 195 | A05-323                  | 4.6                               | 5.3                                     | 6.0                                 |

(Continued)

Table 9 (continued).

| Cultivar or Selection | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |     |
|-----------------------|-----------------------------------|---|-------------------------------------|-----|
| 196                   | Mystique                          | 4.6                                     | 6.7                                 | 7.0 |
| 197                   | A00TB-109 (TB x KB hybrid)        | 4.6                                     | 7.3                                 | 5.0 |
| 198                   | RAD-513                           | 4.6                                     | 7.3                                 | 5.3 |
| 199                   | Aries                             | 4.6                                     | 7.3                                 | 4.7 |
| 200                   | STR 2451                          | 4.6                                     | 7.3                                 | 6.7 |
| 201                   | A97-1328                          | 4.5                                     | 6.3                                 | 6.3 |
| 202                   | A05-333                           | 4.5                                     | 7.3                                 | 6.3 |
| 203                   | PST-K4-4                          | 4.5                                     | 3.7                                 | 6.0 |
| 204                   | PST-K7-23                         | 4.5                                     | 6.3                                 | 4.0 |
| 205                   | Moonshine                         | 4.5                                     | 8.0                                 | 3.3 |
| 206                   | PST-T7-2                          | 4.5                                     | 3.7                                 | 6.0 |
| 207                   | PST-104-59                        | 4.5                                     | 4.0                                 | 6.0 |
| 208                   | PST-K4-10                         | 4.5                                     | 5.0                                 | 5.7 |
| 209                   | A04TB-192 (TB x KB hybrid)        | 4.5                                     | 4.7                                 | 7.7 |
| 210                   | A05TB-386 (TB x KB hybrid)        | 4.5                                     | 3.3                                 | 5.5 |
| 211                   | PST-K307                          | 4.5                                     | 6.7                                 | 5.0 |
| 212                   | 04KYBGOT-8                        | 4.5                                     | 6.3                                 | 5.0 |
| 213                   | Aviator                           | 4.5                                     | 6.7                                 | 4.0 |
| 214                   | Kingfisher                        | 4.5                                     | 5.0                                 | 5.0 |
| 215                   | A03-72                            | 4.5                                     | 4.0                                 | 6.0 |
| 216                   | A04-14                            | 4.5                                     | 8.3                                 | 6.3 |
| 217                   | H99-1626                          | 4.5                                     | 7.0                                 | 3.3 |
| 218                   | A05-332                           | 4.5                                     | 7.0                                 | 5.3 |
| 219                   | NA-3248                           | 4.5                                     | 6.0                                 | 2.7 |
| 220                   | Orfeo                             | 4.5                                     | 7.0                                 | 5.7 |
| 221                   | America                           | 4.5                                     | 7.0                                 | 6.0 |
| 222                   | A04-1547                          | 4.4                                     | 7.3                                 | 5.0 |
| 223                   | PST-K7-26                         | 4.4                                     | 3.3                                 | 4.7 |
| 224                   | PST-K7-24                         | 4.4                                     | 3.3                                 | 3.0 |
| 225                   | Full Moon                         | 4.4                                     | 6.3                                 | 6.7 |
| 226                   | Wild Horse                        | 4.4                                     | 7.7                                 | 4.7 |
| 227                   | Mallard                           | 4.4                                     | 7.0                                 | 4.3 |
| 228                   | A06-636                           | 4.4                                     | 4.7                                 | 5.0 |
| 229                   | Spitfire (TB x KB hybrid)         | 4.4                                     | 6.7                                 | 2.3 |
| 230                   | STR 2278                          | 4.4                                     | 7.0                                 | 5.3 |
| 231                   | SPTR 2959                         | 4.4                                     | 6.7                                 | 4.0 |
| 232                   | A03TB-677                         | 4.4                                     | 6.7                                 | 3.7 |
| 233                   | KH9739                            | 4.3                                     | 5.7                                 | 5.3 |
| 234                   | A03-71                            | 4.3                                     | 6.7                                 | 5.0 |
| 235                   | A03TB-423 (TB x KB hybrid)        | 4.3                                     | 5.0                                 | 7.7 |

(Continued)

Table 9 (continued).

|     | Cultivar or Selection      | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|-----|----------------------------|-----------------------------------|---|-------------------------------------|
| 236 | A03-25                     | 4.3                               | 6.3                                     | 3.7                                 |
| 237 | A03-8                      | 4.3                               | 8.3                                     | 3.0                                 |
| 238 | Rugby II                   | 4.3                               | 6.3                                     | 3.3                                 |
| 239 | PST-K4F-18                 | 4.3                               | 6.0                                     | 5.0                                 |
| 240 | Rampart                    | 4.3                               | 8.0                                     | 2.3                                 |
| 241 | A04-15                     | 4.2                               | 8.0                                     | 6.0                                 |
| 242 | Everglade                  | 4.2                               | 7.0                                     | 2.3                                 |
| 243 | A02-976                    | 4.2                               | 4.7                                     | 6.7                                 |
| 244 | K7-35                      | 4.2                               | 4.3                                     | 2.7                                 |
| 245 | Monte Carlo                | 4.2                               | 7.0                                     | 4.0                                 |
| 246 | Impact                     | 4.1                               | 5.3                                     | 4.0                                 |
| 247 | Guinness                   | 4.1                               | 7.0                                     | 2.7                                 |
| 248 | 04KYBGOT-7                 | 4.1                               | 7.3                                     | 4.3                                 |
| 249 | 05KYBGOT-43                | 4.1                               | 7.0                                     | 4.3                                 |
| 250 | RAD-602                    | 4.1                               | 7.7                                     | 6.3                                 |
| 251 | Blue Ridge                 | 4.1                               | 7.3                                     | 3.3                                 |
| 252 | STR 235                    | 4.1                               | 3.0                                     | 5.3                                 |
| 253 | STR 2553                   | 4.1                               | 5.7                                     | 4.7                                 |
| 254 | PST-K7-43D                 | 4.1                               | 3.7                                     | 5.3                                 |
| 255 | A99-3110                   | 4.1                               | 6.7                                     | 5.0                                 |
| 256 | Royale                     | 4.1                               | 6.7                                     | 4.0                                 |
| 257 | Thorough-Blue              | 4.0                               | 8.3                                     | 7.7                                 |
| 258 | RAD-551                    | 4.0                               | 4.3                                     | 5.3                                 |
| 259 | Corsair                    | 4.0                               | 6.3                                     | 1.3                                 |
| 260 | Touchdown                  | 4.0                               | 6.3                                     | 4.0                                 |
| 261 | A04-13                     | 3.9                               | 9.0                                     | 8.3                                 |
| 262 | Alleycat                   | 3.9                               | 7.3                                     | 2.3                                 |
| 263 | A05TB-382 (TB x KB hybrid) | 3.9                               | 3.7                                     | 5.3                                 |
| 264 | Katie                      | 3.9                               | 6.3                                     | 3.7                                 |
| 265 | RAD-614                    | 3.9                               | 4.7                                     | 5.0                                 |
| 266 | A03-29                     | 3.9                               | 8.0                                     | 3.3                                 |
| 267 | PST-K7-30                  | 3.8                               | 3.0                                     | 4.3                                 |
| 268 | PST-103-651                | 3.8                               | 3.7                                     | 3.0                                 |
| 269 | A05-331                    | 3.8                               | 3.7                                     | 6.3                                 |
| 270 | O4KYBGOT-9                 | 3.8                               | 7.3                                     | 5.7                                 |
| 271 | A05-354                    | 3.8                               | 4.7                                     | 6.0                                 |
| 272 | PST-102-234                | 3.7                               | 3.7                                     | 5.3                                 |
| 273 | PST-K7-44D                 | 3.7                               | 2.7                                     | 4.0                                 |
| 274 | PST-K7-25                  | 3.7                               | 4.7                                     | 5.7                                 |
| 275 | STR 2509                   | 3.7                               | 3.0                                     | 6.0                                 |

(Continued)



Table 9 (continued).

| Cultivar or Selection          | Turf Quality <sup>1</sup><br>2008 | Establishment <sup>2</sup><br>Oct. 2007 | Stem Rust <sup>3</sup><br>Oct. 2007 |
|--------------------------------|-----------------------------------|---|-------------------------------------|
| 276 PST-106-692                | 3.7                               | 2.3                                     | 3.7                                 |
| 277 PST-K7-27                  | 3.7                               | 3.3                                     | 5.0                                 |
| 278 PST-K1011                  | 3.7                               | 6.0                                     | 3.0                                 |
| 279 BDG-7-614                  | 3.7                               | 4.7                                     | 6.3                                 |
| 280 PST-K7-36                  | 3.6                               | 4.0                                     | 4.0                                 |
| 281 Hawman                     | 3.6                               | 4.0                                     | 4.0                                 |
| 282 Cadet                      | 3.6                               | 7.7                                     | 1.7                                 |
| 283 A05-350                    | 3.5                               | 3.3                                     | 5.7                                 |
| 284 PST-K7-41G                 | 3.5                               | 4.3                                     | 3.7                                 |
| 285 PST-K7-29                  | 3.5                               | 2.3                                     | 5.3                                 |
| 286 A03TB-788 (TB x KB hybrid) | 3.5                               | 2.7                                     | 4.5                                 |
| 287 RAD-825                    | 3.5                               | 3.0                                     | 5.5                                 |
| 288 PST-K4-6                   | 3.4                               | 4.0                                     | 4.3                                 |
| 289 T7-5                       | 3.4                               | 4.7                                     | 5.0                                 |
| 290 AKB254                     | 3.1                               | 6.0                                     | 5.3                                 |
| 291 A05-329                    | 2.9                               | 4.0                                     | 4.0                                 |
| 292 PST-K7-28                  | 2.9                               | 1.3                                     | .                                   |
| 293 RAD-902                    | 2.2                               | 2.0                                     | .                                   |
| 294 PST-K7-19                  | 2.1                               | 3.0                                     | 5.5                                 |
| 295 A03-411                    | 2.1                               | 3.0                                     | 6.0                                 |
| 296 STR 2332                   | 1.0                               | 1.0                                     | .                                   |
| LSD at 5% =                    | 0.9                               | 1.5                                     | 1.9                                 |

<sup>1</sup>9 = best turf quality<sup>2</sup>9 = fastest establishment<sup>3</sup>9 = least disease<sup>4</sup>Texas x Kentucky bluegrass hybrid

Table 10. 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.

|                                      | 2005           |                 | 2006 |     | 2007 |     | 2008 |     |
|--------------------------------------|----------------|-----------------|------|-----|------|-----|------|-----|
|                                      | N <sup>1</sup> | Ht <sup>2</sup> | N    | Ht  | N    | Ht  | N    | Ht  |
| Table 1 (2004 North Brunswick) ..... | 4.1            | 1.5             | 2.3  | 1.5 | 2.3  | 1.5 | 1.4  | 1.5 |
| Table 2 (2004 Adelphia).....         | 5.0            | 1.5             | 3.7  | 1.5 | 2.3  | 1.5 | 0.8  | 1.5 |
| Table 3 (2004 Adelphia).....         | 4.7            | 1.5             | 3.7  | 1.5 | 2.7  | 1.5 | 1.0  | 1.5 |
| Table 4 (2005 North Brunswick) ..... |                |                 | 2.2  | 1.5 | 2.3  | 1.5 | 2.7  | 1.5 |
| Table 5 (2005 Adelphia).....         |                |                 | 3.5  | 1.5 | 2.3  | 1.5 | 2.3  | 1.5 |
| Table 6 (2006 North Brunswick) ..... |                |                 |      |     | 3.6  | 1.5 | 2.7  | 1.5 |
| Table 7 (2006 Adelphia).....         |                |                 |      |     | 2.8  | 1.5 | 4.3  | 1.5 |
| Table 8 (2007 North Brunswick) ..... |                |                 |      |     |      |     | 2.7  | 1.5 |
| Table 9 (2007 Adelphia).....         |                |                 |      |     |      |     | 3.8  | 1.5 |

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

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



*Cooperating Agencies:* Rutgers, The State University of New Jersey, U.S. Department of Agriculture, and County Boards of Chosen Freeholders. Rutgers Cooperative Extension, a unit of the Rutgers New Jersey Agricultural Experiment Station, is an equal opportunity program provider and employer.