No. 200300227

THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Seed Research of Oregon

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR ORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE E PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT ED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BLUEGRASS, KENTUCKY

'SR 2284'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of July, in the year two thousand and eight.

Attest:

Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

Secretary of Agriculture

REPRODUCE LOCALLY. *Include form number and date on all reproductions*

Form Approved - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER: Seed Research of Oregon

2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME: A95-284, SRX 2284

3. VARIETY NAME: SR 2284

4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)
27630 Llewellyn Rd.
Corvallis, OR 97333

5. TELEPHONE (include area code): 541-~~758-9115~~ 757-2663

6. FAX (include area code): 541-~~752-2065~~ 758-5305 (BT: 6/13/2008)

FOR OFFICIAL USE ONLY

PVPO NUMBER: 200300227

FILING DATE: April 25, 2003

7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.): Division of Research Seeds

8. IF INCORPORATED, GIVE STATE OF INCORPORATION: MO

9. DATE OF INCORPORATION:

10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers)
Dr. Leah A. Brilman
Seed Research of Oregon
27630 Llewellyn Rd.
Corvallis, OR 97333

FEES RECEIVED

FILING AND EXAMINATION FEES: $ 3652 — DATE 4/25/03

CERTIFICATION FEE: $ 768.00 — DATE 7/14/2008

11. TELEPHONE (include area code): 541-758-9115

12. FAX (include area code): 541-752-2065

13. E_MAIL: srofarm@attglobal.net

14. CROP KIND (Common Name): Kentucky bluegrass

15. GENUS AND SPECIES NAME OF CROP: Poa pratensis

16. FAMILY NAME (Botanical): Poacea

17. IS THE VARIETY A FIRST GENERATION HYBRID? ☐ YES ☒ NO

18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)

- a. ☒ Exhibit A. Origin and Breeding History of the Variety
- b. ☒ Exhibit B. Statement of Distinctness
- c. ☒ Exhibit C. Objective Description of Variety
- d. ☒ Exhibit D. Additional Description of the Variety (Optional)
- e. ☒ Exhibit E. Statement of the Basis of the Owner's Ownership
- f. ☒ Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository)
- g. ☒ Filing and Examination Fee ($2,450), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)

19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act) ☐ YES (If "yes", answer items 20 and 21 below) ☒ NO (If "no," go to item 22)

20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? ☐ YES ☐ NO

21. IF "YES" TO ITEM 20, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED? ☐ FOUNDATION ☐ REGISTERED ☐ CERTIFIED

22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? ☒ YES ☐ NO

IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)

23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? ☐ YES ☒ NO

IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)

24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.

The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.

Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.

SIGNATURE OF OWNER: Leah A. Brilman

NAME (Please print or type): Leah A. Brilman

CAPACITY OR TITLE: Research Director

DATE: 4-24-03

SIGNATURE OF OWNER:

NAME (Please print or type):

CAPACITY OR TITLE:

DATE:

ST-470 (6-96) designed by the Plant Variety Protection Office with WordPerfect 6.0a. Replaces STD-470 (03-96) which is obsolete. (See reverse for instructions and information collection burden statement)

INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be **received** in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to **reproduce** the variety, or for tuber reproduced varieties verification that a viable *(in the sense that it will reproduce an entire plant)* tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for $3,652 ($432 filing fee and $3,220 examination fee), payable to "Treasurer of the United States" *(See Section 97.6 of the Regulations and Rules of Practice.)* Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of $432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office
Telephone: (301) 504-5518
FAX: (301) 504-5291
Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

#200300227

ITEM

18a. Give:
(1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified

18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:

(1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.

18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.

18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, *etc.*

18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.

19. If "Yes" is specified *(seed of this variety be sold by variety name only, as a class of certified seed)*, the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. *(See Regulations and Rules of Practice, Section 97.103).*

22. *See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.*

23. *See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.*

21. CONTINUED FROM FRONT *(Please provide a statement as to the limitation and sequence of generations that may be certified.)*

22. CONTINUED FROM FRONT *(Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)*

SSept. 9, 2002 United States

23. CONTINUED FROM FRONT *(Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)*

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. *(See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)*

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center--East, Beltsville, MD 20705. Telephone: (301) 504-8089. http://www.ams.usda.gov/lsg/seed.htm

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

ST-470 (02-10-2003) designed by the Plant Variety Protection Office with Word 2000. Replaces former versions of ST-470, which are obsolete.

Exhibit A.

Origin and Breeding History of SR 2284 (A95-284) Kentucky Bluegrass

SR 2284 (A95-284) Kentucky bluegrass (*Poa pratensis* L.) appears to have originated as a single, apomictic plant selected from the open-pollinated progeny of C-74. C-74 is a vigorous, apomictic plant that originated from a plant collected from an old turf area in Exeter, RI in 1987. This is similar in appearance and performance to Unique Kentucky bluegrass (Rose-Fricker et al., 1999).

A plant of C-74 was open pollinated by typical plants of Princeton P-105 and Rita as well as plants collected from the Mid-Atlantic region, Delaware, Maryland, New Jersey and Pennsylvania. Four plants of *Poa ampla* and *P. ampla x P. pratensis* were also included in the open-pollinated crossing block, which consisted of a total of 153 plants, during the late winter of 1991-1992 in a greenhouse located on the Cook College campus of Rutgers University. Environmental conditions prior to and during pollination were modified to increase sexual reproduction of facultatively apomictic Kentucky bluegrasses (Bashaw and Funk, 1987; Hintzen and van Wijk, 1985; Pepin and Funk, 1971). Seed from the C-74 female parent was harvested in the spring of 1993. Seedlings were grown in the greenhouse in the winter of 1993-1994 and hybrids were phenotypically identified. Selected hybrid plants were established in a spaced-plant nursery at the Rutgers University Plant Science Research and Extension Farm at Adelphia, NJ, during the spring of 1994. The following summer, an attractive F_1 hybrid plant was harvested on June 21. This was a medium maturing, average yielding plant compared to other Kentucky bluegrasses harvested from that nursery. In the fall of 1995, it was planted in a turf plot at Adelphia, New Jersey with the designation A95-284. SR

2284 is 85 to 90% apomictic from seedlings with very good floret fertility and a seed head number rating of 7 based on a 1-9 scale (9=most seed heads). SR 2284 has above average turf quality in replicated turf plots evaluated in 1999 and 2000 (Bonos et al., 2002), very good winter color and spring green up, and good leaf spot resistance caused by the fungus *Drechslera poae*. SR 2284 is classified as an America / Unique type Kentucky bluegrass.

In production SR 2284 has proven uniform and stable from breeder through certified seed production (bt: 6/30/2008 per applicants authorization). Production fields have noted less than 1% variants, with two types of variants noted. One variant appears to be slightly earlier and taller initially in the spring. The other variant is finer textured and dwarfer than the variety. SR 2284 is approved for three generations increase beyond breeders seed.

References

Bashaw, E.C., and C.R. Funk. 1987. Apomictic grasses. p. 40-82. *In* F. Lemaire (ed.) Proc. Int. Turfgrass Res. Conf., 5th, Avignon, France. INRA Publ., Versailles.

Bonos, S. A., J.A. Murphy, W.A. Meyer, C. Reed Funk, W.K. Dickson, E. Watkins, R. F. Bara, D.A. Smith, and M.M. Mohr. 2002. Performance of Kentucky bluegrass cultivars and selections in New Jersey turf trials. 2001 Rutgers Turfgrass Proceedings. 33:53-104.

Hintzen, J.J., and A.J.P. van Wijk. 1985. Ecotype breeding and hybridization in Kentucky bluegrass (*Poa pratensis* L.). p. 213-219. *In* F. Lemaire (ed.) Proc. Int. Turfgrass Res. Conf., 5th, Avignon, France. INRA Publ., Versailles.

Pepin, G.W., and C.R. Funk. 1971. Intraspecific hybridization as a method of breeding Kentucky bluegrass for turf. Crop Sci. 11:445-448.

Rose-Fricker, C.A., M.L. Fraser, W.A. Meyer, and C.R. Skogley. 1999. Registration of 'Unique' Kentucky bluegrass. Crop Sci. 39:290.

#200300227

EXHIBIT B.

STATEMENT OF DISTINCTNESS OF 'SR 2284' KENTUCKY BLUEGRASS

'SR 2284' Kentucky bluegrass most closely resembles 'America' Kentucky bluegrass in spaced plant characteristics and would be classified as an America type cultivar.

SR 2284 Kentucky bluegrass ~~can~~ can be distinguished from America by; (bt 6/6/08 per applicant's authorization)

1. SR 2284 had a significantly earlier heading date than America in 2000 and 2001. SR 2284 was 8.2 days earlier than America in 2000 with a mean heading of 113.1 and 7 days earlier in 2001 with a mean heading of 112.9 (Table1).

2. SR 2284 had a significantly earlier anthesis date than America in 2000 and 2001. SR 2284 was 3.1 days earlier than America in 2000 with a mean anthesis of 144.6 and 3.4 days earlier in 2001 with a mean anthesis days to heading of 140.4 (Table 1).

3. SR 2284 had a significantly taller plant height than America in 2000 and 2001. SR 2284 was 10.4 cm taller than America in 2000 with a mean height of 72.7 cm and 6.6 cm taller in 2001 with a mean height of 73.0 cm (Tables 2 and 3).

REPRODUCE LOCALLY. Include form number and date on all reproductions.

Form Approved - OMB No. 0581-0055

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this collection of information is (0581-0055). The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY PROGRAM
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT C
(BLUEGRASS)

OBJECTIVE DESCRIPTION OF VARIETY
BLUEGRASS
(*Poa* spp.)

NAME OF APPLICANT(S)	TEMPORARY DESIGNATION	VARIETY NAME
Seed Research of Oregon	A95-284 SRX 2284	SR 2284

ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code)
27630 Llewellyn Rd.
Corvallis, OR 97333

FOR OFFICIAL USE ONLY
PVPO NUMBER
#200300227

Select the number which characterizes the variety in the features described below. For measured characteristics use leading zeros as necessary in order to fill all blanks (e.g. 089). Those characteristics marked with a star * are preferred to be recorded. Any others should be recorded to help establish novelty or uniqueness. Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors; designate the system used: _____. Describe location of test area, conditions, and number of Plants used: Albany, OR 60 plants/ 3 reps. 2.5 ft. spacing

1. SPECIES:

[2] 1 = *Poa compressa* 2 = *P. pratensis* 3 = *P. trivialis* 4 = Others (Please Specify): _____

[ ][ ][ ] Chromosome Number

2. ADAPTATION: (0 = Not Tested, 1 = Not Adapted, 2= Adapted, 3 = Well Adapted)

[3] Northeast [3] Transitional Zone [0] Southeast [3] North Central

[3] Pacific N.W. [3] Intermountain [2] Southwest (CA, AZ) [ ] Other (Please Specify): _____

3. MATURITY (At first anthesis): Give test area Albany, OR

★[5] 1 = Very Early 2 = Early (Delta, Mystic) 3 = Medium Early (Fylking, Nugget) 4 = Medium late (Newport, Adelphi, Aquila) 5 = Late (Merion, Baron, Enmundi) 6 = Very Late (Pacific)

144.6 Date of First Anthesis

[0][3] Number of days earlier than ★[26]

Maturity same as ★[ ]

[0][5] Number of days later than ★[6]

1 = Nugget 2 = Frylking 3 = Delta
4 = Merion 5 = Newport 6 = Baron
7 = Mystic 8 = Sabre 9 = Reubens
26 = America

6.

7. LEAF SHEATH:

[1][2][1] mm sheath length

#200300227

★[1] Seedling Color (base of sheath): 1 = Green (Nugget, Merion) 2 = Red (Delta)

★[1] Hairs on Margin: 1 = Absent (Fylking) 2 = Present (Nugget)

★[1] Margin Roughness (to touch): 1 = Smooth (Delta) 2 = Rough (Sabre)

[1] Hairs on Surface: 1 = Absent ( ) 2 = Present (Nugget)

[1] Surface Roughness (to touch): 1 = Smooth (Fylking) 2 = Rough (Ram I)

[1] Hairs on both sides just beneath leaf blade (under collar): 1 = Absent (Merion) 2 = Present (Nugget)

★[1][7] Hairs on ligule: 1 = Absent (Fylking) 2 = Short (Baron) 3 = Long (Nugget)

[1] Glaucosity: 1 = Absent (Mystic, Enmundi) 2 = Present (Birka)

[1] Keel: 1 = Absent (Ram I) 2 = Present (Adelphi)

---

8. PANICLE (Mature Plant):

[1][3][5] mm Length (Lowest branch whorl to top, for 10 plants) Test Area: Albany, OR 60 plants

[ ][ ][ ] mm Shorter than ★[ ]

Panicle same as ★[ ]

[ ][3][5] mm Longer than ★[6]

1 = Nugget 2 = Frylking 3 = Delta
4 = Merion 5 = Newport 6 = Baron
7 = Mystic 8 = Sabre 9 = Reubens

★[1] Color (at 50% flowering): 1 = Not red (Fylking) 2 = Red (Nugget)

[2] Shape of Rachis (opposite lower side branches): 1 = No bend (Nugget) 2 = Bend (Merion)

★[1][8] Collar: 1 = Opened (Nugget) 2 = Closed (Merion)

★[3] Branches Attitude (Lowest whorl): 1 = Drooping (America, Prato) 2 = Horizontal (Merion) 3 = Ascending (Tundra)

[3][9] Number of main branches in lowest whorl:

★[1] Panicle habit: 1 = Nodding (Newport) 2 = Upright (Nugget)

★[1] Panicle type: 1 = Open 2 = Intermediate 3 = Compact

[1][5] Anther color (anthesis): 1 = Purple 2 = Yellow 3 = Brown

---

9. LEMMA

★[3] Keel 1 = Glabrous 2 = Slightly pubescent 3 = Pubescent

★[3] Marginal Nerves

[2] Intermediate Nerves: 1 = Distinct 2 = Obscure

[3] Basal Webbing: 1 = Absent 2 = Scant (Baron) 3 = Copious (Merion)

---

10. SEED: (Floret-not dehulled)

★[2] Apomixis Percentage: 1 = more than 95 2 = 85 to 95 3 = less than 85

4. PLANT HEIGHT (At maturity-Average of longest shoot of 10 plants from soil surface to top of panicle): *Test Area* Albany, OR

★3 1 = Short 2 = Medium short (Baron, Fylking, Mystic) 3 = Medium tall (Merion, Adelphi) 4 = Tall (delta) 5 = Very tall

★7 2 7 cm Height

#200300227

4 2 cm Shorter than ★J Julia

Height same as ★- 1 = Nugget 2 = Frylking 3 = Delta 4 = Merion 5 = Newport 6 = Baron

1 5 cm Taller than ★6 7 = Mystic 8 = Sabre 9 = Reubens

5. GROWTH HABIT:

★3 Habit: 1 = Prostrate (Nugget) 2 = Semiprostrate (Merion) 3 = Erect (Delta)

1 8 8 cm Amount of spread by rhizomes in 1 year (give test area Albany, OR)

6. LEAF BLADE:

★8 Green color: 1 = Light green (Mystic) 2 = Medium green (Fylking, Bonnieblue) 3 = Moderately dk. green (Merion, Adelphi) 4 = Very dk. green (Nugget, Glade, Enmundi)
1-9, 9= dark green

★1 Bluegreen color: 1 = Not bluegreen (Mystic, Touchdown, Parade) 2 = Moderately bluegreen (Merion, A-34) 3 = Bluegreen (Nugget, Enmundi, Adelphi) 4 = Strongly bluegreen (Majestic)

2 Winter color: 1 = Light green 2 = Dark green 3 = Light purple 4 = Dark purple 5 = Not purple 6 = Not green or purple

★1 Hairs upper side: 1 = Absent (Nugget) 2 = Sparse (Merion) 3 = Dense (Park)

1 Hairs lower side: 1 = Absent (Fylking, Merion) 2 = Sparse 3 = Dense (Nugget)

2 Luster upper side: 1 = Shiny (Eclipse, Enmundi) 2 = Dull (Aquila, Parade)

1 Luster lower side: 1 = Shiny (Mystic, Enmundi) 2 = Dull (Barbie, Eclipse)

★1 Margin hairs (Fringe on Margin or Base): 1 = Absent (Delta) 2 = Present (Fylking, Merion)

★3 Width: 1 = Very fine (Mystic) 2 = Fine (Nugget) 3 = Medium (Merion, Fylking) 4 = Broad (Adelphi, Baron) 5 = Very broad (Monopoly)

5 5 mm Width (flag leaf)

- - mm Narrower than ★- 1 = Nugget 2 = Frylking 3 = Delta

Width same as ★6 4 = Merion 5 = Newport 6 = Baron

1 0 mm Wider than ★L Limousine 7 = Mystic 8 = Sabre 9 = Reubens

2 2 9 mm Length (flag leaf) Node to tip

1 3 mm Shorter than ★J Julia 1 = Nugget 2 = Frylking 3 = Delta

Length same as ★- 4 = Merion 5 = Newport 6 = Baron

3 0 mm Longer than ★6 7 = Mystic 8 = Sabre 9 = Reubens

1 Position of flag leaf (angle to stem): 1 = Appressed 2 = Open angle, yet stiff 3 = Nodding

8.

10. SEED (*Continued*)

[-] Phenol Reaction: 1 = none-lemma removed (Merion) 2 = Beige (Cougar) 3 = Brown (Windsor) 4 = Black (Mystic –2hrs) 5 = Black (-24hrs)

[0.6.5] mm Width (average of 10) [3.3.5] mm Length #200300227

[2.5.9.0] Milligrams per 10,000 seed

[1.0.6.0] Milligrams less than ★[6]

Weight same as ★[1] mousine

[-.-.-] Milligrams more than ★[-]

1 = Nugget 2 = Frylking 3 = Delta 4 = Merion 5 = Newport 6 = Baron 7 = Mystic 8 = Sabre 9 = Reubens

[1] Weight Class (g per 10,000 seed): 1 = Light (< 3g Sydsport, Merion) 2 = Medium (3g – 4g Adelphi, Parade) 3 = Heavy (> 4g Fylking, Nugget)

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11. ENVIRONMENTAL RESISTANCE:
(0 = Not Tested; 1 = Very Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Highly Resistant)

[4] Cool Temperature (Winter color)
[-] Cold (injury)
[4] Heat
[3] Drought
[4] Shade
[4] Low Fertility
[-] Acid Soil (< pH 5.5)
[4] Alkalinity (pH > 7.5)
[-] Salinity
[-] Soil Compaction
[-] Poor Drainage
[-] Air Pollution
[-] Other (Please Specify): _____

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12. DISEASE RESISTANCE:
(0 = Not Tested; 1 = Very Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Highly Resistant)

[4] Melting-Out *Drechslera poae* (*Helminthosporium vagans*)
[3] Helminthosporium Leaf Spot *Bipolaris sorokiniana*
[4] Brown Patch *Rhizoctonia solani*
[4] Powdery Mildew *Erysiphe graminis*
[-] Stripe Smut *Ustilago striiformis*
[-] Flag Smut *Urocystis agropyri*
[4] Pink Snow Mold *Fusarium nivale* (Michrodochium)
[-] Ergot *Claviceps purpurea*
[-] Fusarium Blight *Fusarium roseum, F. tricinctum*
[3] Typhula Blight *Typhula* spp. Snow mold
[3] Dollar Spot *Sclerotinia homoeocarpa*
[-] Sclerotina *S. borealis*
[3] Stem Rust *Puccinia graminis*
[-] Stripe Rust *P. striiformis*
[-] Leaf Rust *P. poae-nemoralis*
[-] Orange Stripe Rust *P. poarum*
[-] Pythium Blight *Pythium* spp.
[-] Red Thread *Corticium fujciforme*
[4] Other (Please Specify): Summer patch
[4] Other (Please Specify): Crown rust

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13. INSECTS, NEMATODES, RESISTANCE:
(0 = Not Tested; 1 = Very Susceptible, 2 = Moderately Susceptible, 3 = Moderately Resistant, 4 = Highly Resistant)

[-] Chinch Bug *Blissus* spp. (give species: _____)
[-] Sod Webworm *Crambus* spp. (give species: _____)

13. INSECTS, NEMATODES, RESISTANCE (*Continued*)

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- [ ] Bluegrass Billbug *Sphenophorus parvulus*
- [ ] White Grub: Japanese Beetle, Chafers (give species _____)
- [ ] Greenbug Aphid *Schizaphis graminum*
- [ ] Other (Please Specify): _____
- [ ] Other (Please Specify): _____

14. Give variety or varieties that most closely resemble the application variety. For the following characteristics indicate Degree of Resemblance by placing in the column marked D.R., one of the following numbers: 1 = Application variety is less than comparison variety; 2 = Same as; 3 = More than, better, greater, darker, more disease resistant, etc.

CHARACTER	VARIETY	D.R.	CHARACTER	VARIETY	D.R.
Maturity-heading	America	1	Leaf Width		
Height	America	3	Leaf Color Spring		
Seed Size	America	3	Leaf Color Summer	America	3
Seed Weight	America	2	Leaf Color Winter	America	3
Cold Injury			Drought		
Heat			Disease**Leaf spot	America	3
Shade					

***Specify each disease evaluated.*

15. ADDITIONAL DESCRIPTION

Describe all characteristics and conditions that cannot be adequately described in this form in Exhibit D.

EXHIBIT D.

ADDITIONAL DESCRIPTION OF THE VARIETY

Table 1. Heading and anthesis dates for Kentucky bluegrass varieties in 2000 and 2001. The plants were established in the fall of 1999 with the seed of control varieties obtained from the repository at the Plant Material Center at Pullman, WA or from the breeder. Three replications of 20 plants were established and the number of plants with at least three heads are as shown. The trial was near Albany, OR.

Variety	2000 Heading Date Mean	2000 Anthesis Date Mean	2001 Heading Date Mean	2001 Anthesis Date Mean
Baron	105.5	139.9	114.5	136.6
Julia	108.1	141.0	114.7	141.4
Limousine	110.1	139.0	118.7	138.4
SR 2284	113.1	144.6	112.9	140.4
America	121.3	147.7	119.9	143.8
LSD @5%	1.4	1.1	1.1	0.7

Table 2. Plant characteristics of Kentucky bluegrass varieties in 2000 near Albany, OR. The plants are those described in Table 1. Sixty heads were measured per variety utilizing one head per plant.

			Panicle	
Variety	Plant Height (cm)	Plant Width (cm)	No. Branches Bottom Whorl	Length Bottom Branch to tip(mm)
Limousine	54.5	19.3	5.0	81.1
Baron	57.6	24.8	4.7	100.9
America	62.3	19.8	4.2	113.3
SR 2284	72.7	18.8	3.9	135.4
Julia	76.9	27.0	4.3	139.4
LSD @ 5%	3.7	2.1	0.3	6.8

Table 3. Plant characteristics of Kentucky bluegrass varieties in 2001 near Albany, OR. The plants are those described in Table 1. The plant width is a cumulative width over two years of growth. Sixty heads were measured per variety utilizing one head per plant.

			Panicle	
Variety	Plant Height (cm)	Plant Width (cm)	No. Branches Bottom Whorl	Length Bottom Branch to tip(mm)
Limousine	51.6	40.5	5.4	95.6
America	66.6	44.0	4.6	126.0
Baron	68.7	51.5	5.1	108.0
SR 2284	73.0	43.8	4.2	154.8
Julia	73.4	49.9	4.7	141.1
LSD @ 5%	3.0	3.5	0.3	7.9

Table 4. Leaf characteristics of Kentucky bluegrass varieties in 2000 near Albany, OR. The plants are those described in Table 1. Flag leaves from sixty heads were measured per variety utilizing one head per plant. Leaf color is on a 1-9 scale with 9 = dark green.

		Flag Leaf		
Variety	Leaf Color 1-9, 9=dk gr	Length (cm) Node to tip	Width (mm)	Sheath Length (cm)
SR 2284	7.8	22.9	5.5	12.1
America	5.7	20.5	4.8	10.8
Baron	4.0	19.9	5.6	10.4
Julia	4.0	24.2	5.2	12.1
Limousine	3.9	18.0	4.5	9.2
LSD @ 5%	0.2	1.2	0.4	0.7

Table 5. Leaf characteristics of Kentucky bluegrass varieties in 2001 near Albany, OR. The plants are those described in Table 1. Flag leaves from sixty heads were measured per variety utilizing one head per plant. Leaf color is on a 1-9 scale with 9 = dark green.

		Flag Leaf		
Variety	**Leaf Color 1-9, 9=dk gr**	**Length (cm) Node to tip**	**Width (mm)**	**Sheath Length (cm)**
SR 2284	6.4	25.5	3.1	12.9
America	4.4	23.4	3.6	11.4
Baron	4.4	22.3	3.6	12.1
Julia	4.7	23.5	3.3	14.0
Limousine	4.0	22.2	2.8	11.3
LSD @ 5%	0.3	1.3	0.4	0.7

Table 6. Lemma characteristics of Kentucky bluegrass varieties in 2000 and 2001 near Albany, OR. The plants are those described in Table 1.

Variety	2000 Lemma Length (mm)	2000 Lemma Width (mm)	2001 Lemma Length (mm)	2001 Lemma Width (mm)
Limousine	3.06	0.60	2.98	0.59
America	3.09	0.59	2.74	0.56
Julia	3.32	0.67	3.01	0.62
SR 2284	3.35	0.65	3.19	0.63
Baron	3.72	0.76	3.61	0.72
LSD @ 5%	0.10	0.03	0.11	0.03

Table 7. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 1995 at Adelphia, NJ. (Includes the 1995 National Kentucky Bluegrass Medium-High Maintenance Test-2-NTEP.)

	Cultivar or Selection	Turf Quality[1] 1996-1999 Avg.	Turf Quality[1] 1996 Avg.	Turf Quality[1] 1997 Avg.	Turf Quality[1] 1998 Avg.	Turf Quality[1] 1999 Avg.	Winter Appearance[2] March 1999	Stripe Smut[3] May 1999	Seed Head[4] May 1999	Leaf Spot[5] May 1999
	COMPACT TYPE									
1	SR 2109	6.3	6.2	6.2	6.4	6.5	5.3	9.0	7.7	9.0
2	Moonlight	6.3	6.8	6.3	6.1	5.9	4.0	8.7	7.3	9.0
3	Blackstone	6.1	6.8	5.3	5.7	6.7	5.7	9.0	7.0	8.7
4	Blacksburg	6.1	6.0	5.9	5.9	6.5	4.0	6.7	7.0	7.7
5	Princeton P-105	5.9	6.0	5.7	5.8	6.1	1.3	8.3	8.0	8.7
6	ZPS-2183	5.8	5.4	6.2	5.7	5.9	6.0	8.7	7.3	9.0
7	H94-461	5.8	6.5	6.1	5.2	5.4	3.3	9.0	6.3	9.0
8	AG 508	5.7	6.2	5.4	5.6	5.5	2.3	9.0	7.0	8.0
9	H94-451	5.7	6.4	5.4	5.4	5.4	2.7	9.0	5.0	7.7
10	Alpine	5.6	5.9	5.6	5.6	5.4	1.7	5.7	7.0	9.0
11	Wildwood	5.6	6.2	5.4	5.3	5.6	4.0	9.0	7.7	8.7
12	NJ-1190	5.6	6.0	4.7	5.8	5.9	5.7	8.0	7.7	5.7
13	H92-109	5.6	6.1	4.7	6.1	5.6	4.0	9.0	8.3	3.7
14	Indigo	5.6	6.0	5.9	5.7	5.0	4.4	6.7	7.5	7.3
15	Platini	5.1	5.1	4.6	5.4	5.4	5.0	8.7	4.3	5.0

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Table 7. (continued).

	Cultivar or Selection	Turf Quality[1] 1996-1999 Avg.	1996 Avg.	1997 Avg.	1998 Avg.	1999 Avg.	Winter Appearance[2] March .1999	Stripe Smut[3] May 1999	Seed Head[4] May 1999	Leaf Spot[5] May 1999
	AMERICA TYPE									
1	A95-284 (SR2284)	6.3	6.7	6.0	6.2	6.2	5.3	9.0	4.3	8.0
2	Langara	6.1	6.6	6.3	5.7	6.0	5.3	9.0	5.3	7.7
3	C-74	5.6	6.0	5.7	5.4	5.1	4.2	8.7	6.5	6.5
4	H94-296	5.6	6.1	5.7	5.6	5.1	4.0	9.0	2.3	6.7
5	Unique	5.5	5.8	5.5	5.4	5.3	4.0	8.3	5.3	6.3
6	Brilliant	5.5	5.8	5.6	5.4	5.2	4.3	8.3	6.3	8.0
7	America	5.4	5.7	5.1	5.6	5.3	4.3	8.0	5.7	5.7
8	H94-285	5.4	6.0	5.3	5.2	5.1	3.0	9.0	7.0	7.3
9	H94-282	5.4	6.0	5.1	5.2	5.3	4.0	9.0	2.7	6.0
10	Showcase	5.3	5.6	5.1	5.2	5.3	3.7	6.7	6.0	5.7
11	Apollo	5.3	5.7	5.1	5.3	5.0	4.0	7.3	4.7	5.0
	JULIA TYPE									
1	A90-287	6.0	6.4	5.6	6.2	5.9	2.5	9.0	6.4	7.9
2	A93-421	5.9	6.2	5.9	6.1	5.4	3.0	9.0	6.3	8.7
3	H92-558	5.9	6.6	5.3	5.9	5.6	2.7	9.0	5.0	7.7
4	A93-417	5.7	6.2	5.6	5.5	5.5	2.7	9.0	6.0	8.0
5	A90-924	5.7	6.1	5.3	5.7	5.5	3.3	9.0	6.0	8.2

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Table 7.(continued).

	Cultivar or Selection	Turf Quality[1] 1996-1999 Avg.	1996 Avg.	1997 Avg.	1998 Avg.	1999 Avg.	Winter Appearance[2] March 1999	Stripe Smut[3] May 1999	Seed Head[4] May 1999	Leaf Spot[5] May 1999
	COMMON TYPE									
1	A91-703	4.9	4.5	5.2	5.0	4.9	4.5	8.9	4.2	7.0
2	A91-702	4.7	4.1	4.7	5.0	4.9	5.3	9.0	4.7	6.3
3	H86-749	4.0	3.1	4.1	4.3	4.4	5.3	9.0	3.3	2.3
4	Huntsville	3.5	3.1	3.7	3.1	4.1	5.3	7.7	5.7	2.0
5	S-21	3.5	2.9	4.3	3.1	3.6	5.7	8.3	5.0	1.0
6	Exp# 1589	3.2	2.9	3.8	2.7	3.5	4.3	9.0	3.7	1.0
7	South Dakota Cert	3.2	2.5	3.3	3.3	3.8	4.0	8.0	5.3	2.0
8	Kenblue	3.1	2.3	3.6	3.3	3.3	4.0	9.0	8.0	1.0
	LSD at 5% =	0.6	0.7	1.0	1.0	0.8	1.5	1.9	1.7	1.8

[1]9 = best turf quality
[2]9 = best winter appearance; winter appearance is based on winter color, activeness, and dark green color only
[3]9 = least stripe smut
[4]9 = least seed head production
[5]9 = least leaf spot

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Table 8. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 1995 at Adelphia, NJ. (Includes the 1995 National Kentucky Bluegrass Medium-High Maintenance Test-2 NTEP.)

	Cultivar or Selection	Turf Quality[1] 1996-2000 Avg.	1996 Avg.	1997 Avg.	1998 Avg.	1999 Avg.	2000 Avg.	Winter Appearance[2] March 2000	Spring Green-up[3] April 2000	Leaf Spot[4] April 2000
	COMPACT TYPE									
1	Moonlight	6.3	6.8	6.3	6.1	5.9	6.5	4.7	4.3	8.7
2	SR 2109	6.3	6.2	6.2	6.4	6.5	6.2	7.0	5.3	8.0
3	Blackstone	6.2	6.8	5.3	5.7	6.7	6.4	6.7	5.0	7.3
4	Blacksburg	6.1	6.0	5.9	5.9	6.5	6.2	7.0	5.0	8.0
5	Princeton P-105	6.0	6.0	5.7	5.8	6.1	6.6	3.7	3.3	7.7
6	A81-2183	5.9	5.4	6.2	5.7	5.9	6.1	7.3	6.3	8.3
7	NJ-1190	5.8	6.0	4.7	5.8	5.9	6.5	5.0	8.3	5.7
8	H94-461	5.7	6.5	6.1	5.2	5.4	5.5	5.3	3.7	6.7
9	H92-109	5.7	6.1	4.7	6.1	5.6	6.0	4.7	7.3	5.7
10	Wildwood	5.5	6.2	5.4	5.3	5.6	5.1	3.7	2.3	7.0
11	Alpine	5.5	5.9	5.6	5.6	5.4	5.0	2.3	2.3	7.0
12	AG 508	5.5	6.2	5.4	5.6	5.5	4.9	3.0	2.7	7.3
13	Indigo	5.5	6.0	5.9	5.6	5.0	4.7	4.9	4.9	7.4
14	H94-451	5.5	6.4	5.4	5.4	5.4	4.7	5.0	4.0	7.0
15	Conni	5.3	5.3	4.6	5.7	5.5	5.6	5.3	4.3	6.3
16	Platini	5.2	5.1	4.6	5.4	5.4	5.7	4.0	6.3	7.0
17	Glade	4.9	5.4	4.9	4.5	5.2	4.7	4.0	4.3	4.0
18	Ram I	4.8	3.9	4.7	5.3	5.3	5.1	6.0	4.7	4.3
19	Nugget	4.5	4.5	4.1	4.8	4.7	4.2	1.0	2.0	6.0
20	Amazon	4.3	4.1	3.8	4.1	4.7	4.6	4.0	4.7	5.3

(Continued)

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Table 8.(continued).

	Cultivar or Selection	Turf Quality[1] 1996-2000 Avg.	1996 Avg.	1997 Avg.	1998 Avg.	1999 Avg.	2000 Avg.	Winter Appearance[2] March 2000	Spring Green-up[3] April 2000	Leaf Spot[4] April 2000
	MIDNIGHT TYPE									
1	Midnight	6.3	6.5	5.8	6.3	6.6	6.2	3.7	2.7	5.0
2	Total Eclipse	6.2	6.8	6.2	6.1	5.7	6.2	3.3	2.3	5.7
3	Liberator	6.1	6.5	5.7	6.2	6.2	6.0	4.3	2.7	6.0
4	NuGlade	5.9	6.0	6.1	6.0	6.0	5.5	3.0	2.7	6.0
5	Impact	5.9	6.4	6.2	5.6	5.6	5.6	4.0	2.7	6.7
6	Award	5.9	6.5	5.4	6.1	5.8	5.6	3.3	3.0	5.3
7	Quantum Leap	5.8	6.7	6.5	5.5	5.3	5.3	3.7	3.7	6.3
8	Odyssey	5.6	6.2	5.9	5.5	5.1	5.3	3.3	2.7	6.7
9	Rugby II	5.4	6.1	5.5	4.9	5.2	5.2	3.3	3.0	5.3
10	Arcadia	5.3	6.3	5.9	4.5	5.1	4.9	3.7	3.7	5.3
11	Absolute	4.9	6.3	5.6	4.6	3.8	4.2	3.3	3.0	3.0
12	Med-1580	4.6	4.9	4.6	3.9	4.9	4.5	4.7	3.7	4.3
	AMERICA TYPE									
1	Langara	6.2	6.6	6.3	5.7	6.0	6.6	5.7	6.3	8.0
2	SRX 2284	6.2	6.7	6.0	6.2	6.2	6.1	7.7	5.0	8.3
3	A94-296	5.5	6.1	5.7	5.6	5.1	5.0	5.7	4.7	8.0
4	Brilliant	5.5	5.8	5.6	5.4	5.2	5.3	3.7	6.0	7.3
5	Unique	5.4	5.8	5.5	5.4	5.3	5.0	4.7	6.3	6.3

(Continued)

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Table 8.(continued).

	Cultivar or Selection	Turf Quality[1] 1996-2000 Avg.	1996 Avg.	1997 Avg.	1998 Avg.	1999 Avg.	2000 Avg.	Winter Appearance[2] March 2000	Spring Green-up[3] April 2000	Leaf Spot[4] April 2000
	AMERICA TYPE (continued)									
6	H94-282	5.4	6.0	5.1	5.2	5.3	5.6	6.3	4.7	8.3
7	C-74	5.4	6.0	5.7	5.5	5.1	4.9	3.9	5.3	6.5
8	America	5.4	5.7	5.1	5.6	5.3	5.3	4.3	5.3	6.0
9	H94-285	5.4	6.0	5.3	5.2	5.1	5.3	3.7	6.0	5.7
10	Showcase	5.4	5.6	5.1	5.2	5.3	5.7	4.3	6.0	7.0
11	Apollo	5.2	5.7	5.1	5.3	5.0	5.2	4.7	5.7	6.7
	JULIA TYPE									
1	A90-287	6.0	6.4	5.6	6.2	5.9	5.8	4.2	4.7	9.0
2	H92-558	5.8	6.6	5.3	5.9	5.6	5.4	4.3	5.7	9.0
3	A93-421	5.8	6.2	5.9	6.1	5.4	5.2	4.0	4.3	8.3
4	A93-417	5.7	6.2	5.6	5.5	5.5	5.7	4.7	4.7	9.0
5	A90-924	5.5	6.1	5.3	5.7	5.5	4.9	4.2	4.0	9.0
6	A93-453	5.4	6.3	5.0	5.6	5.2	5.1	4.0	4.3	9.0
7	Julia	5.3	5.3	4.9	5.3	5.2	5.6	5.3	6.0	7.0
8	A88-309	5.1	5.0	5.1	5.0	5.1	5.2	6.0	6.0	6.0
9	Caliber	5.0	4.3	4.9	5.0	5.0	5.7	6.0	6.0	6.0

(Continued)

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Table 8.(continued).

	Cultivar or Selection	Turf Quality[1] 1996-2000 Avg.	1996 Avg.	1997 Avg.	1998 Avg.	1999 Avg.	2000 Avg.	Winter Appearance[2] March 2000	Spring Green-up[3] April 2000	Leaf Spot[4] April 2000
	BVMG TYPE (continued)									
11	Fortuna	3.6	4.5	5.0	3.5	2.5	2.7	2.3	4.0	3.7
12	Blue Star	3.6	3.8	3.6	3.8	3.5	3.5	3.3	4.0	4.0
13	BA 77-102	3.6	4.0	4.8	3.4	2.7	3.2	3.7	4.0	3.7
14	Baron	3.5	3.8	4.4	3.3	2.7	3.3	2.3	3.7	4.0
15	BA 81-113	3.5	3.8	4.1	4.0	2.9	2.5	3.3	4.0	3.7
	COMMON TYPE									
1	A91-703	4.9	4.5	5.2	5.0	4.9	4.6	7.0	6.0	7.0
2	A91-702	4.6	4.1	4.7	5.0	4.9	4.6	7.3	6.3	6.7
3	H86-749	4.1	3.1	4.1	4.3	4.4	4.6	6.0	7.0	4.7
4	Huntsville	3.6	3.1	3.7	3.1	4.1	4.0	5.0	5.3	3.0
5	S-21	3.4	2.9	4.3	3.1	3.6	2.9	5.7	6.0	1.3
6	South Dakota Cert.	3.3	2.5	3.3	3.3	3.8	3.5	4.3	6.0	3.3
7	Exp# 1589	3.2	2.9	3.8	2.7	3.5	3.3	5.3	5.3	2.0
8	Kenblue	3.1	2.3	3.6	3.3	3.3	3.0	4.7	7.0	1.7
	LSD at 5% =	0.7	0.7	1.0	1.0	0.8	1.1	1.6	1.4	1.8

[1]9 = best turf quality
[2]9 = best winter appearance, based on winter color retention, active growth, and dark green color
[3]9 = earliest spring green-up
[4]9 = least leaf spot disease

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Table 9. Performance of Kentucky bluegrass cultivars and selectionsin a turf trial seeded in September 1998 at Adelphia, NJ.

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
1	A97-1409	7.1	6.3	8.0	7.0
2	A97-1323	6.7	6.0	6.3	5.7
3	Langara	6.6	6.0	6.0	6.0
4	A95-284 (SR2284)	6.5	6.0	8.3	6.3
5	A97-410	6.5	4.0	7.0	4.7
6	A96-415	6.4	5.0	7.0	6.7
7	Moonlight	6.4	4.3	8.3	8.0
8	A97-493	6.4	6.0	9.0	4.3
9	H94-460	6.3	4.3	7.0	6.0
10	A96-468	6.3	4.7	7.0	7.3
11	A97-1510	6.3	5.3	7.0	6.7
12	AG-K981	6.3	5.0	6.7	6.0
13	A96-270	6.2	4.7	7.7	6.0
14	A95-2007	6.2	5.7	7.7	5.7
15	A97-458	6.2	5.7	8.0	5.7
16	A97-1280	6.2	5.3	6.0	7.7
17	A97-1333	6.2	5.3	6.3	6.3
18	AG K983	6.2	5.0	6.7	5.7
19	York Harbor G+T-4	6.2	4.7	7.0	6.7
20	Rita	6.2	5.7	8.0	5.7
21	H94-753	6.1	5.3	8.7	6.0
22	A95-439	6.1	4.7	7.0	5.3
23	A95-1055	6.0	6.0	7.0	6.3
24	A97-1276	6.0	5.3	7.0	6.7
25	A97-1579	6.0	6.0	6.7	6.7
26	ZPS-2183	6.0	5.7	3.7	6.3
27	Showcase	6.0	5.7	4.7	6.7
28	Bordeaux	5.9	6.0	8.0	6.3
29	ZPS-204	5.9	7.0	6.3	5.0
30	A96-416	5.9	5.3	8.3	6.0

(Continued)

Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
31	H94-235	5.9	5.3	9.0	7.7
32	H94-288	5.9	6.3	4.7	6.7
33	H94-293	5.9	6.0	6.3	7.0
34	Princeton P-105	5.9	5.7	6.0	6.0
35	A97-1271	5.9	5.3	7.3	7.3
36	A97-1343	5.9	5.3	7.0	6.7
37	A97-1431	5.9	5.0	6.7	6.3
38	A97-1263	5.9	6.0	4.7	5.7
39	NJGD	5.9	5.0	4.7	5.0
40	A96-328	5.8	6.7	6.7	5.7
41	A98-2038	5.8	4.3	8.7	7.0
42	A94-677	5.8	5.3	6.7	5.7
43	H94-707	5.8	4.7	6.0	5.3
44	A98-2256	5.8	5.0	5.3	6.7
45	A97-884	5.8	6.0	4.7	4.7
46	A97-890	5.8	6.0	4.0	5.0
47	Brilliant	5.8	5.3	5.3	5.3
48	A96-714	5.7	6.3	5.3	6.7
49	A96-337	5.7	5.7	7.7	5.7
50	C-74	5.7	6.3	4.7	5.7
51	A96-402	5.7	6.0	7.0	6.0
52	A96-408	5.7	6.3	7.7	7.3
53	A96-424	5.7	6.0	4.7	5.7
54	A95-1009	5.7	5.3	6.0	6.7
55	A95-418	5.7	4.3	6.3	7.0
56	A96-297	5.7	6.3	7.0	6.0
57	A96-298	5.7	4.3	6.7	6.3
58	SR 2109	5.7	4.7	4.7	6.7
59	H94-550	5.7	5.7	5.0	5.0
60	H92-203	5.7	6.3	5.0	6.7

(Continued)

Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
61	Award	5.7	6.3	4.3	5.7
62	NuGlade	5.7	5.3	4.7	5.3
63	A97-408	5.7	6.0	8.7	5.0
64	A97-1244	5.7	6.0	6.3	5.3
65	A97-1272	5.7	5.0	5.7	6.3
66	H92-109	5.7	5.7	5.0	6.0
67	ZPS-309	5.7	5.3	3.3	6.0
68	A82-562	5.7	4.3	5.0	4.7
69	IBM4	5.7	4.0	7.0	5.3
70	H94-690	5.6	5.7	6.0	5.0
71	A93-200	5.6	6.0	4.3	4.7
72	A96-324	5.6	5.3	8.0	5.7
73	A96-729	5.6	5.3	5.7	4.7
74	A98-2037	5.6	5.0	6.3	6.3
75	H94-221	5.6	5.7	5.0	7.3
76	A88-532	5.6	5.3	4.7	6.0
77	A93-201	5.6	6.3	5.3	4.7
78	A96-319	5.6	4.7	5.7	5.3
79	Jefferson	5.6	7.3	7.3	4.3
80	Cobalt	5.6	5.3	7.7	6.0
81	Suffolk	5.6	6.0	4.3	5.0
82	Wildwood	5.6	6.0	6.0	5.7
83	Shamrock	5.5	6.3	4.3	5.0
84	A96-427	5.5	6.3	5.7	6.0
85	A96-715	5.5	4.7	7.3	6.0
86	A95-1701	5.5	6.7	7.0	5.3
87	H92-543	5.5	6.0	4.7	5.0
88	A96-293	5.5	5.7	8.0	5.7
89	Blackstone	5.5	5.7	7.7	4.0
90	A97-474	5.5	6.0	8.3	5.3

(Continued)

Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
91	A97-888	5.5	6.0	4.0	4.3
92	A97-904	5.5	6.3	4.0	5.0
93	B3-203	5.5	5.0	4.3	5.3
94	A98-2040	5.4	4.7	7.0	5.7
95	A95-1930	5.4	6.0	7.7	5.3
96	H92-558	5.4	5.7	4.7	5.7
97	A93-417	5.4	6.0	5.0	7.0
98	A96-308	5.4	4.3	6.0	5.0
99	H94-654	5.4	5.0	5.3	6.0
100	A89-391	5.4	6.0	4.0	4.0
101	Rambo	5.4	5.3	5.3	4.7
102	Caliber	5.4	6.7	4.7	5.3
103	Liberator	5.4	6.0	4.7	5.0
104	JDSB-93	5.4	5.0	3.7	5.0
105	PST-697	5.4	3.0	8.0	6.0
106	North Star	5.4	4.0	3.7	6.7
107	H94-374	5.3	6.0	6.0	5.3
108	A96-348	5.3	4.7	5.3	5.7
109	A96-332	5.3	5.3	7.3	6.3
110	A96-423	5.3	5.7	7.0	6.3
111	A95-1021	5.3	6.0	5.0	6.3
112	A90-287	5.3	6.7	5.0	6.3
113	A95-1667	5.3	4.3	5.3	6.7
114	A94-976	5.3	6.0	3.7	4.7
115	H94-313	5.3	6.0	7.3	5.3
116	A94-314	5.3	5.3	5.3	5.3
117	A84-413	5.3	5.7	5.0	5.3
118	Midnight	5.3	5.3	5.0	5.3
119	Impact	5.3	5.0	5.0	5.3
120	Rugby	5.3	6.0	3.7	5.0

(Continued)

Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
121	Indigo	5.3	5.7	4.3	5.3
122	A97-741	5.3	5.0	9.0	4.3
123	A97-1268	5.3	4.7	7.0	6.0
124	A97-1294	5.3	5.7	8.0	5.3
125	A97-1297	5.3	5.7	5.7	6.3
126	A96-305	5.2	5.0	8.3	5.0
127	Julia	5.2	6.7	4.3	5.3
128	A96-763	5.2	6.3	6.3	6.0
129	A98-2039	5.2	5.7	5.3	5.0
130	A96-368	5.2	6.0	6.7	6.7
131	A95-405	5.2	4.7	5.3	5.0
132	A96-323	5.2	4.3	6.3	6.3
133	H94-232	5.2	6.0	8.3	4.3
134	Aspen	5.2	5.7	6.0	5.0
135	A97-882	5.2	6.0	4.0	5.0
136	A97-944	5.2	6.3	3.7	5.0
137	A97-1258	5.2	5.3	4.7	6.0
138	A97-1511	5.2	6.0	6.7	5.7
139	Pp8	5.2	5.0	6.0	4.7
140	Optigreen	5.2	5.7	3.3	5.7
141	H94-321	5.1	6.7	7.3	4.7
142	A96-739	5.1	5.7	5.7	5.0
143	A96-351	5.1	5.0	7.3	6.3
144	A95-410	5.1	5.3	3.3	5.3
145	Rugby II	5.1	5.3	5.3	4.7
146	Ram I	5.1	5.7	7.3	4.3
147	A90-1117	5.1	5.7	6.0	4.0
148	A97-955	5.1	6.0	3.7	4.3
149	Cabernet	5.0	6.3	5.0	4.7
150	A96-303	5.0	5.3	9.0	5.7

(Continued)

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Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
151	Dragon	5.0	5.3	6.7	4.3
152	America	5.0	5.7	5.0	5.3
153	A97-30	5.0	6.0	4.3	5.3
154	A96-481	5.0	5.7	5.3	6.0
155	A93-453	5.0	6.7	5.0	5.3
156	Chicago	5.0	5.3	3.7	5.7
157	A97-876	5.0	6.3	6.0	4.0
158	A97-895	5.0	5.0	6.0	5.3
159	Liberty	5.0	3.7	3.3	5.0
160	SCR-320	5.0	3.3	4.0	5.7
161	Serene	5.0	5.0	3.7	3.7
162	A96-451	4.9	5.0	5.0	6.3
163	Dellwood	4.9	6.3	6.0	3.7
164	A93-238	4.9	6.3	3.3	4.0
165	Brunswick	4.9	5.3	3.3	4.3
166	Glade	4.9	6.0	4.3	4.3
167	Alpine	4.9	5.3	4.0	6.0
168	Samoa	4.9	6.7	3.3	4.3
169	Explorer	4.9	6.0	3.7	5.7
170	JC91L2	4.9	3.7	4.0	6.0
171	A96-407	4.8	4.3	7.7	6.0
172	Blue Moon	4.8	5.3	4.0	4.7
173	Kelly	4.8	5.7	4.0	5.3
174	NuBlue	4.8	5.7	3.7	5.0
175	Eclipse	4.8	5.7	4.0	4.3
176	SCR-282	4.8	2.0	3.0	6.0
177	97-SCEC-196	4.8	7.3	5.0	3.7
178	A91-703	4.7	5.7	4.3	4.3
179	Cheri	4.7	6.0	3.0	4.7
180	Touchdown	4.7	6.0	3.3	5.0

(Continued)

Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
181	A91-702	4.6	6.7	5.0	4.0
182	Cesar	4.6	5.0	4.0	5.7
183	NuStar	4.6	6.0	4.3	4.0
184	A95-490	4.5	5.7	6.7	3.3
185	A95-343	4.5	6.0	5.3	3.3
186	A91-635	4.5	6.0	5.0	4.0
187	97-SCEC- 219	4.5	5.3	3.3	5.0
188	97-CNC-254	4.5	6.0	4.0	3.7
189	A96-386	4.4	5.3	4.3	6.0
190	CVB 19863	4.4	5.7	4.0	3.7
191	Blacksburg	4.4	4.0	5.3	4.7
192	Huntsville	4.4	6.0	8.0	3.0
193	AG K982	4.4	5.0	7.0	3.7
194	Bel 21	4.3	7.0	2.7	3.3
195	Blue Chip	4.3	3.7	3.0	5.3
196	Baron	4.3	5.3	2.7	5.7
197	AG K986	4.3	6.3	4.0	2.3
198	Classic	4.2	7.7	5.7	3.0
199	Crest	4.2	2.3	3.0	5.0
200	H94-171	4.1	5.3	4.3	4.3
201	Eagleton	4.1	6.0	2.7	3.7
202	AG-K984	4.1	4.7	5.7	4.7
203	CVB 19111	4.0	5.7	2.7	4.3
204	CPA-421	4.0	2.7	5.0	5.7
205	Muddy Pk	3.9	6.7	4.0	1.7
206	Nassau	3.9	5.0	4.7	3.7
207	CAS-NA	3.9	2.0	5.0	5.7
208	AG K987	3.9	6.3	3.3	3.3
209	94AN-8	3.8	3.3	3.3	5.0
210	Roselawn	3.7	5.3	6.7	2.0

(Continued)

Table 9. (continued).

	Cultivar or Selection	Turf Quality[1] 1999 Avg.	Establishment[2] Sept. 1999	Color[3] Dec. 1999	Leaf Spot[4] May 1999
211	Miracle	3.7	5.3	1.3	4.3
212	Freedom	3.7	1.7	5.7	6.0
213	S-21	3.7	7.0	5.7	1.7
214	95AN-24	3.6	2.7	5.7	5.7
215	AG K985	3.6	4.3	6.3	3.7
216	Sidekick	3.6	3.3	4.7	4.7
217	CVB 17921	3.5	3.7	2.0	4.7
218	95AN-26	3.4	2.0	5.0	5.0
219	Reveille TBxKB hyb	2.5	4.3	4.3	4.3
	LSD at 5% =	0.9	1.1	1.5	1.4

[1]9 = best turf quality
[2]9 = best establishment
[3]9 = darkest green color
[4]9 = least leaf spot

Table 10. Performance of Kentucky bluegrass cultivars and selections in a turf trial seeded in September 2000 at Adelphia, NJ. (Includes all entries in the 2000 National Kentucky Bluegrass Medium-High Maintenance Test - NTEP.)

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establishment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
1	Unknown	6.9	7.3	6.7	5.7	4.3	7.7
2	SRX 26351	6.8	6.3	6.3	5.0	5.3	5.3
3	A98-13	6.7	7.0	6.0	8.0	6.3	6.3
4	A98-159	6.7	7.3	6.0	7.3	6.0	6.3
5	PST-1701	6.6	7.3	4.7	4.7	5.7	7.3
6	Indigo	6.6	6.0	7.0	5.7	5.7	6.7
7	A98-726	6.5	6.0	7.7	6.7	5.3	7.7
8	Langara	6.4	7.3	5.0	4.7	7.0	5.3
9	Serene	6.4	7.3	5.7	6.7	5.7	7.3
10	SR 2205	6.3	4.7	7.0	5.7	7.7	5.0
11	PST-108-79	6.3	4.7	7.3	3.7	6.3	5.7
12	Impact	6.3	7.0	6.3	6.3	4.7	7.0
13	Midnight	6.3	7.0	7.0	6.3	4.3	6.7
14	A95-410	6.3	6.0	6.0	5.7	5.3	5.0
15	PST-739	6.3	7.0	7.3	5.7	4.0	8.0
16	J-1838	6.3	6.0	7.7	6.0	4.3	7.3
17	J-1665	6.3	6.7	7.0	6.0	5.0	7.0
18	H97-695	6.3	5.7	7.0	7.0	5.3	7.3
19	Royale	6.2	6.7	6.7	4.0	6.3	5.0
20	A98-948	6.2	7.3	5.7	4.7	4.7	5.7
21	Arcadia	6.2	7.0	6.7	5.7	4.3	6.3
22	A96-265	6.2	5.0	6.3	5.3	5.0	6.0
23	J-2487	6.1	7.3	6.7	5.7	4.3	8.0
24	Freedom II	6.1	5.7	7.3	6.0	6.0	6.0
25	Bedazzled	6.1	5.7	5.7	4.7	7.3	4.7
26	J-2695	6.1	7.7	6.7	5.3	4.3	8.0
27	J-2890	6.1	5.3	7.3	6.0	5.0	7.7
28	J-1880	6.1	6.0	6.3	7.3	5.3	6.7
29	SRX 2109	6.1	5.7	7.0	5.7	6.3	5.0
30	A98-999	6.1	6.3	5.7	6.0	6.7	5.7
31	A96-299	6.1	5.7	7.0	5.0	4.3	5.7
32	Odyssey	6.1	7.3	6.7	5.3	3.7	8.0
33	J-1368	6.1	6.0	6.7	6.0	5.0	7.3
34	Award	6.0	7.3	6.7	6.0	4.7	7.7
35	PST-731	6.0	6.3	7.0	5.7	4.7	8.0

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
36	Moonlight	6.0	7.3	7.3	7.7	7.0	5.3
37	Total Eclipse	6.0	6.0	6.0	5.3	4.7	6.0
38	Moon Shadow	6.0	5.7	7.7	6.0	6.0	5.0
39	A91-703	6.0	7.3	4.0	6.3	5.3	6.7
40	A95-1939	6.0	6.7	5.3	7.3	5.3	6.3
41	HV 140	6.0	7.3	5.0	4.0	3.3	4.7
42	A97-1432	6.0	6.7	6.0	5.7	5.7	4.7
43	DLF-76-9036	6.0	6.7	6.0	4.3	3.0	4.7
44	Princeton P-105	6.0	6.7	6.0	5.3	5.0	6.7
45	A97-1409	6.0	5.7	5.3	7.3	8.3	5.0
46	Liberator	6.0	7.3	7.0	5.3	4.3	6.3
47	95AN-10	6.0	3.7	5.7	4.0	6.0	6.3
48	A99LM-16 (TxB hyb)[7]	6.0	7.7	8.0	4.0	3.3	5.0
49	Explorer	6.0	7.0	8.0	8.0	5.3	7.3
50	Quantum Leap	5.9	4.7	7.3	6.3	5.0	6.7
51	Wildwood	5.9	8.0	4.7	6.0	5.3	5.7
52	Rugby II	5.9	6.7	6.3	5.0	4.3	7.0
53	SRX 2U5	5.9	6.7	6.0	4.3	2.7	6.3
54	Cabernet	5.9	5.3	4.7	4.3	5.3	6.3
55	SRX 2114	5.9	6.7	6.0	5.7	6.7	5.0
56	Pro Seeds 453	5.9	5.7	6.3	4.3	6.7	3.7
57	A98-290	5.9	6.0	5.3	5.7	6.0	3.3
58	Crest	5.9	7.3	6.0	4.7	4.3	4.0
59	SRX 2284	5.9	7.0	6.3	6.7	7.7	5.0
60	J-1513	5.9	7.3	7.0	5.0	4.0	7.7
61	Abbey	5.9	7.7	5.7	4.7	4.0	5.0
62	PST-B5-125	5.9	5.7	5.7	6.0	6.0	5.3
63	A98-2038	5.9	5.7	7.0	8.7	8.3	6.0
64	A98-430	5.9	7.0	6.0	6.3	6.3	5.0
65	Ascot	5.8	5.0	7.0	4.7	3.0	4.3
66	J-1515	5.8	7.0	7.3	6.0	5.0	6.7
67	Ba 82-288	5.8	6.3	5.0	6.3	7.0	5.0
68	Alpine	5.8	7.3	5.3	4.0	3.3	5.0
69	IB7-231	5.8	6.3	5.3	6.0	6.0	5.0
70	IQG-36	5.8	6.3	5.3	5.7	6.3	5.0

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
71	J-1420	5.8	6.0	6.7	6.3	4.7	7.7
72	NuGlade	5.8	6.7	6.3	5.0	5.0	7.3
73	PST-161	5.8	7.0	4.7	5.7	5.7	7.0
74	Goldrush	5.8	8.0	6.0	4.0	4.0	4.7
75	Hallmark	5.8	7.3	4.7	5.0	5.3	5.3
76	A98-205	5.8	7.7	6.7	8.0	7.0	5.0
77	A95-1048	5.8	6.0	6.3	5.7	6.7	5.0
78	A96-427	5.7	7.0	5.7	5.3	6.3	5.0
79	Canon	5.7	7.7	6.3	4.7	4.0	4.7
80	A96-296	5.7	6.7	4.3	6.0	6.0	5.0
81	Everglade	5.7	5.3	6.7	6.0	4.7	7.7
82	Pick 417	5.7	7.0	5.3	7.3	5.3	6.3
83	Eagleton	5.7	7.3	5.0	2.3	6.0	6.7
84	Misty	5.7	6.7	6.0	4.0	7.0	4.3
85	Sonoma	5.7	6.7	5.7	5.3	7.0	4.7
86	99AN-39	5.7	6.7	7.0	5.3	4.7	6.3
87	PST-H6-150	5.6	4.0	7.0	3.7	7.0	4.0
88	North Star	5.6	6.0	7.7	4.3	3.7	4.3
89	Coventry	5.6	7.3	6.0	3.0	5.7	5.3
90	Limerick	5.6	6.7	4.0	3.7	4.3	4.7
91	PST York Harbor 4	5.6	6.7	5.3	6.7	6.3	5.0
92	A98-305	5.6	7.0	7.7	3.7	7.7	3.3
93	A98-363	5.6	6.3	6.0	6.0	6.7	5.7
94	A97-1330	5.6	6.7	6.7	3.7	7.0	3.7
95	Mallard	5.6	6.3	6.3	6.0	7.0	4.3
96	Raven	5.6	7.7	5.7	4.7	3.3	4.7
97	A97-1715	5.6	5.3	7.0	5.3	5.3	5.0
98	A98-1001	5.6	7.0	5.7	5.0	5.3	5.0
99	A98-1095	5.6	7.3	6.0	5.3	5.3	5.3
100	J-1648	5.6	6.7	6.3	6.0	5.0	6.3
101	99AN-59	5.6	6.0	6.7	7.7	5.7	5.3
102	SRX 2U17	5.6	5.3	7.3	3.0	6.3	4.7
103	A82-204	5.6	8.3	4.7	6.7	4.7	7.7
104	C-74	5.6	7.3	7.3	3.0	8.0	4.3
105	PST-222	5.5	6.3	7.0	7.0	8.0	4.3

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
106	PST-B3-170	5.5	6.7	5.7	6.0	6.0	4.7
107	Everest	5.5	5.7	7.3	6.0	4.3	8.0
108	A98-1275	5.5	3.0	7.0	5.7	5.0	6.0
109	BAR Pp 0573	5.5	4.7	6.0	5.3	6.0	3.3
110	A98-1025	5.5	6.7	5.3	5.7	4.7	5.0
111	Blackstone	5.5	7.0	5.7	3.0	5.3	5.0
112	Baron	5.5	6.3	6.3	4.7	3.3	4.3
113	Rita	5.5	6.0	4.7	6.0	7.7	5.0
114	A94MH-94	5.5	6.7	5.3	5.0	4.3	5.0
115	A98-877	5.5	7.3	5.3	4.0	3.7	5.0
116	Brilliant	5.5	7.7	7.3	4.0	6.0	3.7
117	B4-128A	5.5	6.0	8.0	3.3	6.0	5.0
118	A98-304	5.5	7.3	6.7	3.3	7.0	4.3
119	Jefferson	5.5	7.3	3.7	4.0	5.7	5.3
120	A98-530	5.5	7.0	7.0	5.7	6.0	5.0
121	A96-1246	5.5	5.0	8.0	4.7	6.0	4.7
122	A97-1560	5.5	7.0	7.7	3.3	6.7	4.0
123	PST-106-27	5.4	6.7	6.7	3.7	6.3	4.3
124	Barzan	5.4	2.3	6.3	3.7	5.0	5.0
125	BAR Pp 0471	5.4	6.3	7.3	3.7	6.7	4.3
126	SRX 2394	5.4	6.7	6.3	6.0	7.3	5.3
127	Boutique	5.4	6.3	5.3	6.3	7.0	5.3
128	H92-203	5.4	7.0	7.3	3.7	7.0	3.7
129	B3-171	5.4	6.7	7.3	4.7	7.0	4.3
130	A98-463	5.4	6.0	6.3	7.0	7.3	4.3
131	Lakeshore	5.4	6.3	5.0	4.3	4.0	5.7
132	J-2885	5.4	5.7	7.0	5.3	4.7	7.0
133	Blacksburg	5.4	5.3	8.0	5.0	5.7	5.0
134	HV 238	5.4	4.0	5.7	5.7	6.3	6.7
135	IB7-308	5.4	5.7	7.7	8.0	7.3	5.7
136	A96-1251	5.4	6.3	7.0	3.0	5.7	5.0
137	Bordeaux	5.3	7.3	5.0	5.3	6.7	3.7
138	Ba 81-058	5.3	6.7	4.3	6.3	8.0	4.7
139	DLF-76-9038	5.3	7.0	6.7	4.0	7.0	4.0
140	Chelsea	5.3	5.0	7.0	3.0	4.0	5.7

(Continued)

Table 10 (continued).

#200300227

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
141	J-2561	5.3	5.0	7.3	6.0	5.3	7.7
142	B6-58	5.3	3.7	6.0	3.0	4.7	4.0
143	99AN-50	5.3	6.3	5.7	3.3	4.7	8.0
144	A96-1201	5.3	7.0	5.3	3.7	4.0	8.3
145	BA 00-6001	5.3	4.7	7.7	4.7	4.3	5.0
146	Rambo	5.3	7.3	5.3	4.3	5.3	4.7
147	CVB 20631	5.3	3.7	7.0	4.7	6.0	4.7
148	Chateau	5.3	3.3	6.7	3.0	5.7	4.3
149	A98-881	5.3	5.7	6.3	5.3	5.0	6.0
150	A97-1567	5.3	8.0	6.0	5.7	6.0	4.7
151	SCR-320	5.3	3.3	7.3	3.3	5.7	5.0
152	A97-1475	5.3	7.0	7.0	2.0	7.3	3.3
153	Marquis	5.3	6.0	6.7	4.3	3.0	4.0
154	Bartitia	5.3	6.7	6.0	3.7	4.3	4.3
155	B5-45	5.3	5.3	6.7	3.0	5.3	5.0
156	A98-183	5.3	4.7	6.7	7.3	6.0	6.7
157	Envicta	5.3	8.3	6.0	5.0	4.0	4.7
158	B6-63	5.3	5.7	8.3	2.3	6.7	5.3
159	IQG-38	5.3	6.0	7.7	3.3	7.0	5.0
160	A98-344	5.3	6.7	6.3	7.7	7.7	4.0
161	Barquis	5.2	6.3	4.7	5.0	5.0	6.3
162	Monte Carlo	5.2	6.0	7.3	6.3	6.7	4.7
163	B3-185	5.2	6.7	7.7	3.7	7.0	3.7
164	Apollo	5.2	7.3	7.0	4.0	7.3	3.3
165	PST-1304	5.2	6.3	7.3	3.7	7.0	4.7
166	Pick 232	5.2	7.7	6.7	5.0	5.7	2.7
167	SI A96-386	5.2	5.0	6.3	4.7	5.7	5.3
168	B4-122	5.2	3.7	7.0	4.7	7.7	4.0
169	A98-155	5.2	5.7	5.3	8.0	6.0	7.7
170	K 994	5.2	6.3	4.0	6.7	5.3	6.7
171	SRX 2U33	5.2	6.3	4.7	2.7	5.0	7.7
172	Showcase	5.2	5.3	7.0	4.0	7.3	3.7
173	Blue Knight	5.2	6.3	7.0	6.7	5.0	5.0
174	PpH 6366	5.2	7.0	9.0	2.3	6.0	6.0
175	PST-B4-246	5.2	5.0	6.0	4.7	5.7	5.0

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
176	Allure	5.2	4.3	6.0	3.3	5.7	4.3
177	H94-293	5.2	7.0	6.7	3.3	6.7	5.0
178	SCR-282	5.2	6.7	4.0	5.3	7.3	4.7
179	Broadway	5.2	2.7	8.0	5.7	4.3	3.7
180	A98-572	5.2	7.0	7.3	2.7	7.3	4.3
181	A97-1524	5.2	7.7	5.3	6.7	7.0	4.3
182	A96-451	5.1	5.3	6.0	7.3	8.7	3.3
183	Limousine	5.1	6.7	6.0	3.0	6.0	5.3
184	Julia	5.1	6.7	5.3	5.0	5.7	7.0
185	Brunswick	5.1	6.3	5.0	2.7	6.0	6.0
186	Ba 83-113	5.1	5.3	5.7	6.7	6.7	4.0
187	A98-139	5.1	6.7	3.7	6.0	5.0	7.0
188	Unique	5.1	6.0	6.7	3.3	6.7	4.3
189	A98-1028	5.1	6.3	5.3	5.0	5.3	5.7
190	Pick 453	5.1	6.3	5.3	7.0	5.0	6.0
191	Voyager	5.1	6.0	4.3	2.7	5.3	7.7
192	Pp 8	5.1	6.3	6.0	3.7	5.0	7.3
193	SRX 220713	5.1	5.3	7.0	2.7	5.7	5.0
194	A95-414	5.1	2.7	7.3	5.0	5.0	5.3
195	A98-962	5.1	4.7	6.3	3.7	4.7	4.0
196	RSP	5.1	7.7	4.0	3.3	6.3	8.7
197	Fairfax	5.1	7.0	5.7	2.7	5.3	5.0
198	Baritone	5.1	5.0	5.3	5.3	5.3	5.3
199	Blue Ridge	5.1	4.7	6.3	8.7	7.0	4.0
200	SRX 27921	5.1	5.7	6.0	4.7	4.0	5.0
201	BAR Pp 0468	5.1	5.3	7.7	3.3	7.3	4.3
202	PST B6-60	5.1	5.0	6.7	2.7	5.3	5.0
203	SRX 2U20	5.1	6.0	5.7	3.7	4.7	7.0
204	A98-1147	5.1	5.7	7.3	3.3	7.7	3.7
205	America	5.1	7.0	7.0	3.3	7.7	3.3
206	PST-1804	5.0	8.0	5.3	4.3	4.3	5.0
207	PST-H5-35	5.0	5.0	5.7	5.0	6.3	5.0
208	A96-739	5.0	5.7	5.7	6.0	6.0	5.0
209	IQG-28	5.0	5.7	6.7	3.0	6.7	3.7
210	Cynthia	5.0	7.3	5.3	4.3	4.3	5.0

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
211	A98-365	5.0	5.7	6.3	5.7	6.0	5.0
212	A6-214	5.0	6.3	6.3	8.7	4.7	5.3
213	SR 2000	5.0	5.7	6.0	7.0	6.0	5.7
214	PST IBMY	4.9	4.0	5.3	7.0	7.0	5.0
215	B5-144	4.9	5.0	6.7	3.3	5.7	4.3
216	Pp H 6370	4.9	6.0	5.7	4.7	4.7	4.7
217	SRX 2U15	4.9	4.7	7.3	4.3	4.0	4.0
218	Parade	4.9	7.0	4.0	4.3	7.7	4.0
219	Chicago II	4.9	6.3	7.3	7.3	5.7	5.7
220	Pp H 7929	4.9	3.7	6.3	5.0	4.0	5.0
221	Lily	4.9	8.0	6.0	3.0	5.3	5.7
222	BHOO-6002	4.9	7.3	5.7	3.3	4.3	7.7
223	SRX 2036	4.9	6.3	3.0	3.7	5.3	8.0
224	NA K991	4.8	5.7	4.7	8.0	6.0	6.3
225	PST-B5-89	4.8	6.3	7.7	8.7	6.7	4.7
226	Pp H 7832	4.8	6.0	6.0	4.3	5.3	5.3
227	B5-43	4.8	4.7	7.0	3.0	5.7	4.3
228	B3-168	4.8	4.7	7.3	4.0	7.3	4.0
229	K 993	4.8	7.3	4.7	6.0	4.3	7.3
230	Champagne	4.8	5.3	4.0	5.3	5.3	6.0
231	H92-558	4.8	4.7	5.7	6.0	5.7	6.0
232	Shamrock	4.8	6.3	6.0	5.0	5.3	5.0
233	Baronie	4.8	6.3	4.0	4.0	7.0	4.3
234	Merit	4.8	4.3	6.0	5.0	5.7	3.7
235	PpH 7907	4.7	5.0	6.0	5.7	4.7	4.7
236	PST-604	4.7	6.3	6.0	7.7	7.0	5.3
237	Brooklawn	4.7	7.0	5.3	4.0	4.3	4.7
238	SRX OG245	4.7	5.7	5.7	6.0	5.0	7.0
239	Touchdown	4.7	7.0	4.3	3.7	5.0	6.7
240	BAR Pp 0566	4.7	3.3	6.0	7.0	7.3	4.3
241	B5-50	4.7	2.7	6.3	5.3	6.3	4.7
242	W-202-A7	4.7	6.0	8.0	3.0	3.0	6.3
243	99AN-53	4.7	5.0	6.7	5.7	5.0	6.7
244	Livingston	4.7	3.7	5.3	4.7	6.0	4.7
245	DLF-76-9032	4.6	4.3	7.7	3.7	3.0	7.3

(Continued)

Table 10 (continued).

	Cultivar or Selection	Turf Quality[1] 2001 Avg.	Establish-ment[2] Sept. 2000	Height[3] Oct. 2000	Color[4] Nov. 2000	Winter Color[5] March 2001	Steminess[6] May 2001
246	SR 2100	4.6	6.0	5.3	5.3	3.7	4.3
247	Washington	4.5	7.7	2.7	3.7	4.0	8.3
248	Julius	4.5	6.3	7.7	1.3	5.3	4.7
249	Ba 84-140	4.5	7.0	7.0	7.7	5.3	5.0
250	SCEC-183	4.5	6.7	3.3	5.0	5.7	8.0
251	A98-407	4.4	3.7	6.7	7.7	7.0	3.7
252	CNC 254	4.4	5.7	4.3	5.7	6.3	7.7
253	SRX 2021	4.4	6.3	3.0	3.7	3.7	6.0
254	A96-746	4.3	6.7	3.3	4.3	4.7	6.0
255	Boomerang	4.3	4.7	6.0	7.7	3.7	5.0
256	K 984	4.3	6.7	4.7	7.7	4.3	5.0
257	SRX 2U22	4.3	6.7	2.3	5.0	4.3	8.0
258	A97-857	4.2	5.0	6.7	4.7	6.0	6.3
259	Wellington	4.2	7.3	4.3	3.0	3.7	8.0
260	BH OO-6003	4.2	5.0	6.3	6.3	5.7	5.3
261	99AN-88	4.2	3.0	7.7	6.7	6.3	5.7
262	99PH3-2	4.2	6.3	6.0	2.7	3.7	6.3
263	SRX 27753	4.0	5.3	5.7	8.0	5.7	4.7
264	Jewel	4.0	7.3	3.7	4.3	2.3	7.7
265	DLF-76-9034	3.9	3.3	5.7	4.7	4.3	6.3
266	99AN-16	3.9	4.7	5.3	8.0	6.0	5.3
267	Kenblue	3.9	8.0	3.0	2.7	3.3	9.0
268	NA K992	3.7	5.7	5.7	7.0	3.7	4.7
269	GO-9LM9	3.7	8.3	3.7	3.0	2.3	9.0
270	Bodacious	3.6	3.3	4.7	6.3	4.3	4.3
271	K 995	3.4	4.3	6.7	7.3	5.0	5.7
272	W-501-G5	3.1	1.7	7.0	5.3	3.3	5.3
273	99AN-12	2.6	3.3	7.3	8.7	4.3	4.7
274	W 102A-K	2.1	5.3	7.0	4.7	1.3	6.7
	LSD at 5% =	0.8	1.4	1.1	1.3	1.3	1.0

[1]9 = best turf quality
[2]9 = quickest establishment
[3]9 = shortest plant height
[4]9 = darkest green color
[5]9 = brightest green color during winter
[6]9 = fewest visible seed heads
[7]TxB hyb = Texas x Kentucky bluegrass hybrid

TABLE 21.

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT RALEIGH, NC
2001 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	AUGUST	SEPTEMBER	MEAN
EAGLETON	9.0	9.0	9.0	9.0
SHOWCASE	9.0	9.0	9.0	9.0
B3-185	9.0	9.0	8.7	8.9
J-1515	9.0	9.0	8.7	8.9
PST-161	9.0	9.0	8.7	8.9
PST-1701	9.0	9.0	8.7	8.9
SI A96-386	9.0	8.7	9.0	8.9
BA 84-140	9.0	9.0	8.3	8.8
BAR PP 0468	8.7	9.0	8.7	8.8
BAR PP 0471	9.0	8.7	8.7	8.8
CABERNET	9.0	9.0	8.3	8.8
EXCURSION (J-1648)	9.0	8.7	8.7	8.8
J-1420	9.0	9.0	8.3	8.8
LIBERATOR	9.0	8.7	8.7	8.8
MOON SHADOW (PICK 113-3)	9.0	9.0	8.3	8.8
PRINCETON 105	9.0	9.0	8.3	8.8
WASHINGTON	8.7	9.0	8.7	8.8
A97-1432	8.7	8.7	8.7	8.7
A97-1715	8.7	8.7	8.7	8.7
BAR PP 0566	9.0	9.0	8.0	8.7
BEDAZZLED	9.0	8.7	8.3	8.7
BLACKSTONE	9.0	8.7	8.3	8.7
EVEREST	9.0	9.0	8.0	8.7
J-2890	9.0	8.7	8.3	8.7
JEFFERSON	9.0	8.7	8.3	8.7
MIDNIGHT	9.0	9.0	8.0	8.7
ODYSSEY	9.0	8.7	8.3	8.7
A97-1330	9.0	8.7	8.0	8.6
AWARD	9.0	8.3	8.3	8.6
B3-171	8.7	8.7	8.3	8.6
BAR PP 0573	8.7	8.7	8.3	8.6
BORDEAUX	9.0	8.7	8.0	8.6
BOUTIQUE	9.0	9.0	7.7	8.6
J-1513	9.0	8.7	8.0	8.6
J-1838	9.0	8.7	8.0	8.6
J-2561	8.7	8.7	8.3	8.6
JEWEL	9.0	8.7	8.0	8.6
NA-K991	8.7	8.7	8.3	8.6
RUGBY II	9.0	8.7	8.0	8.6
A98-139	8.3	8.7	8.3	8.4
ARCADIA	8.7	8.7	8.0	8.4
BA 00-6001	9.0	8.3	8.0	8.4
BA 82-288	8.7	8.7	8.0	8.4
BA 83-113	8.7	8.3	8.3	8.4
EVERGLADE	9.0	8.7	7.7	8.4

NAME	JULY	AUGUST	SEPTEMBER	MEAN
FREEDOM II	9.0	8.0	8.3	8.4
GOLDSTAR (A98-296)	9.0	8.7	7.7	8.4
IMPACT	9.0	8.3	8.0	8.4
MIDNIGHT II (A98-739)	9.0	8.3	8.0	8.4
PST-B5-89	9.0	8.3	8.0	8.4
QUANTUM LEAP	9.0	8.7	7.7	8.4
RAMBO	8.7	8.3	8.3	8.4
SONOMA	8.7	8.7	8.0	8.4
TSUNAMI (J-2487)	9.0	8.3	8.0	8.4
UNIQUE	9.0	8.7	7.7	8.4
A96-427	9.0	8.3	7.7	8.3
ARROW (A97-1567)	8.7	8.3	8.0	8.3
BLUESTONE (PST-731)	9.0	8.3	7.7	8.3
BRILLIANT	8.3	8.3	8.3	8.3
HV 238	8.3	8.3	8.3	8.3
J-2695	8.7	8.3	8.0	8.3
JULIA	8.3	8.0	8.7	8.3
PST-222	8.7	8.3	8.0	8.3
PST-604	8.7	8.3	8.0	8.3
RITA	8.7	8.7	7.7	8.3
SR 2284 (SRX 2284)	8.7	8.3	8.0	8.3
UNKNOWN	9.0	9.0	7.0	8.3
A96-451	8.7	8.3	7.7	8.2
A98-183	8.7	8.3	7.7	8.2
APOLLO	8.3	8.3	8.0	8.2
BARONIE	8.3	8.0	8.3	8.2
BH 00-6002	8.0	8.3	8.3	8.2
BLACKSBURG II (PST-1BMY)	8.7	8.3	7.7	8.2
BLUE RIDGE (A97-1449)	8.7	8.3	7.7	8.2
J-1368	8.7	8.3	7.7	8.2
MISTY	8.7	8.0	8.0	8.2
PICK-232	8.7	8.7	7.3	8.2
ROYALE (A97-1336)	9.0	8.0	7.7	8.2
SRX 2394	8.7	8.7	7.3	8.2
TOTAL ECLIPSE	9.0	8.3	7.3	8.2
A96-739	9.0	8.0	7.3	8.1
A98-365	8.3	8.0	8.0	8.1
ALPINE	9.0	7.7	7.7	8.1
BARONETTE (BA 81-058)	9.0	8.0	7.3	8.1
BEYOND (J-1880)	8.7	8.3	7.3	8.1
H92-558	8.3	8.0	8.0	8.1
H94-293	8.7	8.7	7.0	8.1
J-2885	9.0	8.0	7.3	8.1
MALLARD (A97-1439)	9.0	8.0	7.3	8.1
MONTE CARLO (A96-402)	9.0	8.0	7.3	8.1

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TABLE #1. (CONT'D)

SUMMER PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT RALEIGH, NC
2001 DATA

SUMMER PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	AUGUST	SEPTEMBER	MEAN
MOONLIGHT	8.7	8.0	7.7	8.1
NUGLADE	8.7	8.0	7.7	8.1
PP H 6370	9.0	7.7	7.7	8.1
PST-1QG-27	8.7	8.0	7.7	8.1
ABBEY	8.0	8.0	8.0	8.0
BH 00-6003	8.0	8.0	8.0	8.0
CHAMPAGNE	8.0	8.0	8.0	8.0
CHICAGO II	8.3	8.3	7.3	8.0
LANGARA	9.0	8.0	7.0	8.0
PICK 417	8.3	8.0	7.7	8.0
PP H 7907	8.7	8.0	7.3	8.0
PST-B4-246	8.3	8.3	7.3	8.0
A96-742	8.3	8.3	7.0	7.9
A97-857	8.0	7.3	8.3	7.9
B5-144	8.0	7.3	8.3	7.9
BARRISTER (J-1655)	8.7	8.3	6.7	7.9
BOOMERANG	8.3	8.0	7.3	7.9
BROOKLAWN	8.0	7.7	8.0	7.9
CHAMPLAIN (A98-1275)	8.3	7.7	7.7	7.9
DLF 76-9034	8.0	8.0	7.7	7.9
DLF 76-9036	8.0	7.7	8.0	7.9
DLF 76-9037	8.3	8.0	7.3	7.9
GOLDRUSH	7.7	8.0	8.0	7.9
PICK 453	8.3	7.3	8.0	7.9
PRO SEEDS - 453	8.7	7.7	7.3	7.9
PST-1804	8.0	7.7	8.0	7.9
PST-H5-35	8.3	8.0	7.3	7.9
PST-H6-150	8.0	8.0	7.7	7.9
ROYCE (A98-304)	8.3	7.7	7.7	7.9
A98-1028	8.3	7.3	7.7	7.8
B4-128A	7.7	7.7	8.0	7.8
BARITONE	7.7	7.7	8.0	7.8
CHATEAU	7.7	7.7	8.0	7.8
ENVICTA	8.0	8.0	7.3	7.8
SRX 26351	9.0	7.7	6.7	7.8
SRX 27921	8.3	7.7	7.3	7.8
B5-45	7.7	7.3	8.0	7.7
CVB-20631	8.0	7.7	7.3	7.7
H92-203	7.7	8.0	7.3	7.7
IB7-308	8.7	7.7	6.7	7.7
PP H 6366	8.0	7.3	7.7	7.7
RAVEN	8.0	7.7	7.3	7.7
A98-407	9.0	7.7	6.0	7.6

NAME	JULY	AUGUST	SEPTEMBER	MEAN
BODACIOUS	8.0	7.3	7.3	7.6
LIMOUSINE	8.0	7.7	7.0	7.6
PP H 7832	8.3	7.0	7.3	7.6
99AN-53	7.7	7.3	7.3	7.4
B5-43	7.3	7.3	7.7	7.4
BARIRIS	7.0	7.3	8.0	7.4
COVENTRY	7.3	7.0	8.0	7.4
DLF 76-9032	8.3	7.3	6.7	7.4
JULIUS	8.0	7.0	7.3	7.4
MARQUIS	7.0	7.7	7.7	7.4
PST-B3-170	8.0	7.3	7.0	7.4
PST-B5-125	7.3	7.7	7.3	7.4
SERENE	8.0	7.3	7.0	7.4
ASCOT	7.7	7.7	6.7	7.3
BARTITIA	7.3	7.3	7.3	7.3
FAIRFAX	7.3	7.0	7.7	7.3
GO-9LM9	7.7	7.3	7.0	7.3
HALLMARK	7.7	7.3	7.0	7.3
LAKESHORE (A93-200)	8.0	7.3	6.7	7.3
PST-108-79	7.0	7.0	8.0	7.3
WELLINGTON	7.3	7.3	7.3	7.3
ALLURE	7.7	7.0	7.0	7.2
BARON	7.3	7.0	7.3	7.2
LILY	7.7	7.3	6.7	7.2
SHAMROCK	7.7	7.3	6.7	7.2
SRX 2114	7.7	7.3	6.7	7.2
SRX QG245	7.3	7.3	7.0	7.2
A98-881	7.3	7.0	7.0	7.1
BLUE KNIGHT	7.7	7.3	6.3	7.1
PP H 7929	7.3	7.0	7.0	7.1
WILDWOOD	7.3	6.7	7.0	7.0
CHELSEA	7.3	7.0	6.3	6.9
NORTH STAR	7.7	7.0	6.0	6.9
A97-1409	7.7	6.7	6.0	6.8
HV 140	7.3	6.3	6.7	6.8
KENBLUE	7.3	6.7	6.3	6.8
BARZAN	6.7	6.7	6.7	6.7
NA-K992	6.7	6.3	6.7	6.6
PST-YORK HARBOR 4	6.7	6.7	6.0	6.4
LIMERICK	5.7	5.3	5.3	5.4
LSD VALUE	0.9	1.1	2.6	0.9
C.V. (%)	6.8	8.0	12.6	6.9

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030027

TABLE 12. SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	WI1	NAME	WI1
A96-427	8.0	A98-139	7.0
BARONETTE (BA 81-058)	8.0	A98-365	7.0
BLACKSBURG II (PST-1BMY)	8.0	BLACKSTONE	7.0
H92-203	8.0	BLUESTONE (PST-731)	7.0
HV 238	8.0	BRILLIANT	7.0
PST-B5-125	8.0	DLF 76-9037	7.0
SRX 2394	8.0	GOLDSTAR (A98-296)	7.0
A96-739	7.7	HALLMARK	7.0
A98-183	7.7	J-1515	7.0
A98-407	7.7	J-2890	7.0
APOLLO	7.7	JEFFERSON	7.0
B3-171	7.7	LANGARA	7.0
B3-185	7.7	MALLARD (A97-1439)	7.0
BA 00-6001	7.7	MARQUIS	7.0
BA 84-140	7.7	MIDNIGHT	7.0
BAR PP 0566	7.7	MISTY	7.0
BOUTIQUE	7.7	PICK 417	7.0
CABERNET	7.7	PRO SEEDS - 453	7.0
DLF 76-9034	7.7	PST-108-79	7.0
H94-293	7.7	PST-1QG-27	7.0
IB7-308	7.7	PST-B5-89	7.0
MOONLIGHT	7.7	PST-YORK HARBOR 4	7.0
PST-H6-150	7.7	RAMBO	7.0
RITA	7.7	ROYALE (A97-1336)	7.0
A96-451	7.3	ROYCE (A98-304)	7.0
A96-742	7.3	SI A96-386	7.0
A97-1409	7.3	SONOMA	7.0
A97-1715	7.3	UNIQUE	7.0
BA 82-288	7.3	WELLINGTON	7.0
BAR PP 0573	7.3	WILDWOOD	7.0
BEDAZZLED	7.3	A97-1330	6.7
HV 140	7.3	B5-45	6.7
MONTE CARLO (A96-402)	7.3	BA 83-113	6.7
MOON SHADOW (PICK 113-3)	7.3	BAR PP 0468	6.7
NA-K992	7.3	BARONIE	6.7
PICK-232	7.3	BARTITIA	6.7
PST-222	7.3	BEYOND (J-1880)	6.7
PST-604	7.3	BH 00-6002	6.7
PST-B3-170	7.3	BODACIOUS	6.7
PST-B4-246	7.3	BORDEAUX	6.7
QUANTUM LEAP	7.3	DLF 76-9032	6.7
SRX 2114	7.3	EAGLETON	6.7
99AN-53	7.0	EXCURSION (J-1648)	6.7
A98-1028	7.0	GO-9LM9	6.7
		IMPACT	6.7

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TABLE 12. SNOW MOLD RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2001 DATA

SNOW MOLD RATINGS 1-9; 9=NO DISEASE 2/

NAME	WI1	NAME	WI1
LIMOUSINE	6.7	BARITONE	6.0
NUGLADE	6.7	BARRISTER (J-1655)	6.0
PICK 453	6.7	BARZAN	6.0
PP H 6366	6.7	BROOKLAWN	6.0
PP H 7929	6.7	CHAMPLAIN (A98-1275)	6.0
PST-1701	6.7	CHELSEA	6.0
PST-H5-35	6.7	GOLDRUSH	6.0
SERENE	6.7	J-1368	6.0
SHAMROCK	6.7	J-1420	6.0
SHOWCASE	6.7	J-1838	6.0
TOTAL ECLIPSE	6.7	J-2885	6.0
A97-1432	6.3	LAKESHORE (A93-200)	6.0
A97-857	6.3	LIBERATOR	6.0
A98-881	6.3	LILY	6.0
ABBEY	6.3	PP H 7907	6.0
ARROW (A97-1567)	6.3	PST-161	6.0
ASCOT	6.3	SRX 26351	6.0
B4-128A	6.3	SRX QG245	6.0
B5-43	6.3	TSUNAMI (J-2487)	6.0
BAR PP 0471	6.3	UNKNOWN	6.0
BLUE KNIGHT	6.3	BH 00-6003	5.7
BLUE RIDGE (A97-1449)	6.3	CHAMPAGNE	5.7
BOOMERANG	6.3	ENVICTA	5.7
CHATEAU	6.3	FREEDOM II	5.7
CHICAGO II	6.3	J-2561	5.7
COVENTRY	6.3	ODYSSEY	5.7
DLF 76-9036	6.3	RUGBY II	5.7
EVEREST	6.3	SRX 27921	5.7
EVERGLADE	6.3	PP H 7832	5.3
H92-558	6.3	BARIRIS	5.0
J-1513	6.3	CVB-20631	5.0
J-2695	6.3	FAIRFAX	5.0
JULIUS	6.3	JULIA	5.0
KENBLUE	6.3	PP H 6370	5.0
LIMERICK	6.3	RAVEN	5.0
MIDNIGHT II (A98-739)	6.3	JEWEL	4.7
NA-K991	6.3	ALPINE	4.3
NORTH STAR	6.3	PRINCETON 105	4.3
PST-1804	6.3	BARON	4.0
SR 2284 (SRX 2284)	6.3	WASHINGTON	4.0
ALLURE	6.0		
ARCADIA	6.0	LSD VALUE	1.3
AWARD	6.0	C.V. (%)	12.0
B5-144	6.0		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030027

TABLE 13.

MELTING-OUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT RALEIGH, NC
2001 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MARCH	NOVEMBER	MEAN
A97-1409	9.0	9.0	9.0
A98-365	9.0	9.0	9.0
B3-171	9.0	9.0	9.0
BAR PP 0566	9.0	9.0	9.0
BAR PP 0573	9.0	9.0	9.0
BH 00-6003	9.0	9.0	9.0
BLUE RIDGE (A97-1449)	9.0	9.0	9.0
BOOMERANG	9.0	9.0	9.0
CABERNET	9.0	9.0	9.0
GOLDSTAR (A98-296)	9.0	9.0	9.0
H94-293	9.0	9.0	9.0
IB7-308	9.0	9.0	9.0
LIMOUSINE	9.0	9.0	9.0
MONTE CARLO (A96-402)	9.0	9.0	9.0
PICK-232	9.0	9.0	9.0
PP H 7907	9.0	9.0	9.0
PST-604	9.0	9.0	9.0
PST-B5-125	9.0	9.0	9.0
PST-H6-150	9.0	9.0	9.0
SI A96-386	9.0	9.0	9.0
99AN-53	8.7	9.0	8.8
A96-427	8.7	9.0	8.8
A97-1715	9.0	8.7	8.8
APOLLO	9.0	8.7	8.8
ARROW (A97-1567)	8.7	9.0	8.8
B3-185	9.0	8.7	8.8
BA 82-288	9.0	8.7	8.8
BAR PP 0468	8.7	9.0	8.8
BLACKSBURG II (PST-1BMY)	9.0	8.7	8.8
BORDEAUX	8.7	9.0	8.8
H92-203	9.0	8.7	8.8
HV 238	9.0	8.7	8.8
MALLARD (A97-1439)	9.0	8.7	8.8
MOONLIGHT	9.0	8.7	8.8
PP H 7832	9.0	8.7	8.8
PST-222	9.0	8.7	8.8
SONOMA	9.0	8.7	8.8
SR 2284 (SRX 2284)	8.7	9.0	8.8
SRX 2394	9.0	8.7	8.8
SRX 27921	9.0	8.7	8.8
A96-451	9.0	8.3	8.7
A96-739	8.7	8.7	8.7
A98-183	9.0	8.3	8.7
ASCOT	9.0	8.3	8.7
B4-128A	9.0	8.3	8.7

NAME	MARCH	NOVEMBER	MEAN
BAR PP 0471	8.7	8.7	8.7
BARONETTE (BA 81-058)	9.0	8.3	8.7
BEDAZZLED	8.7	8.7	8.7
BOUTIQUE	9.0	8.3	8.7
CHICAGO II	8.3	9.0	8.7
DLF 76-9037	8.7	8.7	8.7
LANGARA	8.7	8.7	8.7
MIDNIGHT	8.7	8.7	8.7
MIDNIGHT II (A98-739)	8.3	9.0	8.7
MOON SHADOW (PICK 113-3)	8.7	8.7	8.7
NUGLADE	8.3	9.0	8.7
PICK 417	8.7	8.7	8.7
PRO SEEDS - 453	8.7	8.7	8.7
PST-161	8.7	8.7	8.7
PST-B3-170	8.3	9.0	8.7
PST-B5-89	9.0	8.3	8.7
PST-H5-35	8.7	8.7	8.7
RAMBO	8.3	9.0	8.7
RITA	9.0	8.3	8.7
ROYALE (A97-1336)	9.0	8.3	8.7
ROYCE (A98-304)	9.0	8.3	8.7
SHAMROCK	8.7	8.7	8.7
SHOWCASE	9.0	8.3	8.7
SRX 2114	8.7	8.7	8.7
A97-1330	9.0	8.0	8.5
A97-1432	9.0	8.0	8.5
A97-857	8.7	8.3	8.5
A98-407	9.0	8.0	8.5
ARCADIA	8.3	8.7	8.5
BA 83-113	9.0	8.0	8.5
BARON	8.7	8.3	8.5
BARZAN	9.0	8.0	8.5
BEYOND (J-1880)	8.3	8.7	8.5
BLACKSTONE	9.0	8.0	8.5
BLUESTONE (PST-731)	8.3	8.7	8.5
CHAMPAGNE	8.7	8.3	8.5
CHAMPLAIN (A98-1275)	9.0	8.0	8.5
DLF 76-9032	9.0	8.0	8.5
DLF 76-9034	8.0	9.0	8.5
FREEDOM II	9.0	8.0	8.5
J-1515	8.0	9.0	8.5
JEFFERSON	8.3	8.7	8.5
LAKESHORE (A93-200)	8.3	8.7	8.5
ODYSSEY	8.3	8.7	8.5
PP H 6366	8.7	8.3	8.5

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TABLE 13. (CONT'D)

MELTING-OUT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT RALEIGH, NC
2001 DATA

MELTING-OUT RATINGS 1-9; 9=NO DISEASE 2/

NAME	MARCH	NOVEMBER	MEAN	NAME	MARCH	NOVEMBER	MEAN
PST-1701	8.3	8.7	8.5	EVERGLADE	7.7	8.3	8.0
PST-1QG-27	8.7	8.3	8.5	EXCURSION (J-1648)	8.3	7.7	8.0
PST-B4-246	8.3	8.7	8.5	HALLMARK	8.0	8.0	8.0
UNIQUE	9.0	8.0	8.5	J-1513	7.3	8.7	8.0
UNKNOWN	8.7	8.3	8.5	PST-108-79	7.7	8.3	8.0
A98-139	8.0	8.7	8.3	PST-YORK HARBOR 4	8.0	8.0	8.0
AWARD	8.0	8.7	8.3	QUANTUM LEAP	7.7	8.3	8.0
BA 00-6001	8.7	8.0	8.3	B5-43	8.0	7.7	7.8
BA 84-140	8.3	8.3	8.3	BROOKLAWN	8.7	7.0	7.8
BRILLIANT	8.7	8.0	8.3	CVB-20631	8.0	7.7	7.8
CHELSEA	9.0	7.7	8.3	DLF 76-9036	7.7	8.0	7.8
H92-558	9.0	7.7	8.3	EAGLETON	7.0	8.7	7.8
IMPACT	7.7	9.0	8.3	HV 140	7.3	8.3	7.8
J-1420	8.0	8.7	8.3	J-1368	7.7	8.0	7.8
J-2695	8.3	8.3	8.3	PP H 6370	8.0	7.7	7.8
J-2885	8.0	8.7	8.3	RUGBY II	6.7	9.0	7.8
LIBERATOR	8.3	8.3	8.3	GO-9LM9	7.0	8.3	7.7
LIMERICK	8.7	8.0	8.3	NA-K991	7.3	8.0	7.7
MARQUIS	8.7	8.0	8.3	TOTAL ECLIPSE	7.7	7.7	7.7
MISTY	8.3	8.3	8.3	ABBEY	7.0	8.0	7.5
PICK 453	9.0	7.7	8.3	B5-45	7.7	7.3	7.5
PP H 7929	9.0	7.7	8.3	BARITONE	8.7	6.3	7.5
PST-1804	8.7	8.0	8.3	BH 00-6002	7.7	7.3	7.5
SRX 26351	9.0	7.7	8.3	EVEREST	6.7	8.3	7.5
A98-1028	8.3	8.0	8.2	JULIA	7.7	7.3	7.5
A98-881	8.3	8.0	8.2	SERENE	7.7	7.3	7.5
ALPINE	7.7	8.7	8.2	WASHINGTON	6.0	9.0	7.5
BARIRIS	8.7	7.7	8.2	GOLDRUSH	5.7	9.0	7.3
BARONIE	8.3	8.0	8.2	JULIUS	8.0	6.7	7.3
BODACIOUS	8.3	8.0	8.2	FAIRFAX	7.0	7.3	7.2
J-1838	8.0	8.3	8.2	SRX QG245	6.0	8.3	7.2
J-2561	7.7	8.7	8.2	CHATEAU	6.7	7.3	7.0
J-2890	7.7	8.7	8.2	LILY	6.7	7.3	7.0
NA-K992	9.0	7.3	8.2	A96-742	4.3	9.0	6.7
NORTH STAR	8.0	8.3	8.2	ALLURE	5.7	7.0	6.3
PRINCETON 105	8.0	8.3	8.2	B5-144	6.0	6.7	6.3
TSUNAMI (J-2487)	7.7	8.7	8.2	ENVICTA	3.3	8.7	6.0
WELLINGTON	8.7	7.7	8.2	RAVEN	3.7	8.3	6.0
WILDWOOD	8.3	8.0	8.2	JEWEL	2.7	8.7	5.7
BARRISTER (J-1655)	7.0	9.0	8.0	KENBLUE	2.7	8.0	5.3
BARTITIA	7.3	8.7	8.0				
BLUE KNIGHT	8.3	7.7	8.0	LSD VALUE	0.9	1.4	0.7
COVENTRY	8.7	7.3	8.0	C.V. (%)	7.7	8.1	5.4

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030027

TABLE 14. MICRODOCHIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	PA1	NAME	PA1
99AN-53	9.0	BH 00-6002	9.0
A96-427	9.0	BLACKSBURG II (PST-1BMY)	9.0
A96-451	9.0	BLACKSTONE	9.0
A96-739	9.0	BLUE KNIGHT	9.0
A97-1330	9.0	BLUE RIDGE (A97-1449)	9.0
A97-1409	9.0	BLUESTONE (PST-731)	9.0
A97-1432	9.0	BODACIOUS	9.0
A97-1715	9.0	BOOMERANG	9.0
A97-857	9.0	BORDEAUX	9.0
A98-1028	9.0	BOUTIQUE	9.0
A98-139	9.0	BRILLIANT	9.0
A98-183	9.0	BROOKLAWN	9.0
A98-365	9.0	CABERNET	9.0
A98-407	9.0	CHAMPAGNE	9.0
A98-881	9.0	CHAMPLAIN (A98-1275)	9.0
ALLURE	9.0	CHATEAU	9.0
APOLLO	9.0	CHELSEA	9.0
ARCADIA	9.0	CHICAGO II	9.0
ARROW (A97-1567)	9.0	CVB-20631	9.0
ASCOT	9.0	DLF 76-9032	9.0
AWARD	9.0	DLF 76-9034	9.0
B3-171	9.0	DLF 76-9036	9.0
B3-185	9.0	DLF 76-9037	9.0
B4-128A	9.0	EAGLETON	9.0
B5-144	9.0	EVEREST	9.0
B5-43	9.0	EVERGLADE	9.0
B5-45	9.0	EXCURSION (J-1648)	9.0
BA 00-6001	9.0	FREEDOM II	9.0
BA 82-288	9.0	GOLDSTAR (A98-296)	9.0
BA 83-113	9.0	H92-203	9.0
BA 84-140	9.0	H92-558	9.0
BAR PP 0468	9.0	H94-293	9.0
BAR PP 0471	9.0	HALLMARK	9.0
BAR PP 0566	9.0	HV 140	9.0
BAR PP 0573	9.0	HV 238	9.0
BARIRIS	9.0	IB7-308	9.0
BARITONE	9.0	IMPACT	9.0
BARON	9.0	J-1368	9.0
BARONETTE (BA 81-058)	9.0	J-1420	9.0
BARONIE	9.0	J-1513	9.0
BARRISTER (J-1655)	9.0	J-1515	9.0
BARTITIA	9.0	J-1838	9.0
BARZAN	9.0	J-2561	9.0
BEDAZZLED	9.0	J-2695	9.0
BEYOND (J-1880)	9.0	J-2885	9.0

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TABLE 14. MICRODOCHIUM PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
(CONT'D) 2001 DATA

MICRODOCHIUM PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	PA1	NAME	PA1
J-2890	9.0	PST-H6-150	9.0
JEFFERSON	9.0	PST-YORK HARBOR 4	9.0
JULIA	9.0	QUANTUM LEAP	9.0
JULIUS	9.0	RAMBO	9.0
LAKESHORE (A93-200)	9.0	RITA	9.0
LANGARA	9.0	ROYALE (A97-1336)	9.0
LIBERATOR	9.0	ROYCE (A98-304)	9.0
LIMERICK	9.0	RUGBY II	9.0
LIMOUSINE	9.0	SERENE	9.0
MALLARD (A97-1439)	9.0	SHAMROCK	9.0
MARQUIS	9.0	SHOWCASE	9.0
MIDNIGHT	9.0	SI A96-386	9.0
MIDNIGHT II (A98-739)	9.0	SONOMA	9.0
MISTY	9.0	SR 2284 (SRX 2284)	9.0
MONTE CARLO (A96-402)	9.0	SRX 2114	9.0
MOON SHADOW (PICK 113-3)	9.0	SRX 2394	9.0
MOONLIGHT	9.0	SRX 26351	9.0
NA-K991	9.0	SRX 27921	9.0
NA-K992	9.0	SRX QG245	9.0
NORTH STAR	9.0	TOTAL ECLIPSE	9.0
NUGLADE	9.0	TSUNAMI (J-2487)	9.0
ODYSSEY	9.0	UNIQUE	9.0
PICK 417	9.0	UNKNOWN	9.0
PICK 453	9.0	WELLINGTON	9.0
PICK-232	9.0	WILDWOOD	9.0
PP H 6366	9.0	COVENTRY	8.7
PP H 6370	9.0	GO-9LM9	8.7
PP H 7832	9.0	PST-1701	8.7
PP H 7907	9.0	ABBEY	8.3
PP H 7929	9.0	ALPINE	8.3
PRINCETON 105	9.0	BH 00-6003	8.3
PRO SEEDS - 453	9.0	FAIRFAX	8.3
PST-108-79	9.0	A96-742	8.0
PST-161	9.0	LILY	8.0
PST-1804	9.0	GOLDRUSH	7.7
PST-1QG-27	9.0	ENVICTA	7.0
PST-222	9.0	RAVEN	7.0
PST-604	9.0	KENBLUE	4.7
PST-B3-170	9.0	WASHINGTON	4.7
PST-B4-246	9.0	JEWEL	2.7
PST-B5-125	9.0		
PST-B5-89	9.0	LSD VALUE	0.5
PST-H5-35	9.0	C.V. (%)	3.6

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

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TABLE 15.

BROWN PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT MADISON, WI
2001 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	AUGUST	MEAN
A98-183	9.0	9.0	9.0
ARCADIA	9.0	9.0	9.0
ASCOT	9.0	9.0	9.0
BARRISTER (J-1655)	9.0	9.0	9.0
BLUE KNIGHT	9.0	9.0	9.0
CABERNET	9.0	9.0	9.0
DLF 76-9036	9.0	9.0	9.0
EAGLETON	9.0	9.0	9.0
EXCURSION (J-1648)	9.0	9.0	9.0
IB7-308	9.0	9.0	9.0
J-1838	9.0	9.0	9.0
J-2695	9.0	9.0	9.0
JEFFERSON	9.0	9.0	9.0
LANGARA	9.0	9.0	9.0
LIBERATOR	9.0	9.0	9.0
LIMOUSINE	9.0	9.0	9.0
NUGLADE	9.0	9.0	9.0
ODYSSEY	9.0	9.0	9.0
PICK 417	9.0	9.0	9.0
PST-H6-150	9.0	9.0	9.0
QUANTUM LEAP	9.0	9.0	9.0
SR 2284 (SRX 2284)	9.0	9.0	9.0
SRX 26351	9.0	9.0	9.0
SRX 27921	9.0	9.0	9.0
TOTAL ECLIPSE	9.0	9.0	9.0
TSUNAMI (J-2487)	9.0	9.0	9.0
UNIQUE	9.0	9.0	9.0
WASHINGTON	9.0	9.0	9.0
A98-1028	9.0	8.7	8.8
AWARD	9.0	8.7	8.8
BARONIE	9.0	8.7	8.8
DLF 76-9032	9.0	8.7	8.8
EVERGLADE	9.0	8.7	8.8
HALLMARK	8.7	9.0	8.8
J-1368	9.0	8.7	8.8
J-1513	9.0	8.7	8.8
J-1515	9.0	8.7	8.8
J-2890	9.0	8.7	8.8
MALLARD (A97-1439)	9.0	8.7	8.8
MIDNIGHT II (A98-739)	9.0	8.7	8.8
MOONLIGHT	9.0	8.7	8.8
PP H 7832	9.0	8.7	8.8
PRO SEEDS - 453	9.0	8.7	8.8
PST-161	9.0	8.7	8.8
PST-1701	9.0	8.7	8.8

NAME	JULY	AUGUST	MEAN
RITA	9.0	8.7	8.8
UNKNOWN	8.7	9.0	8.8
A96-739	9.0	8.3	8.7
A96-742	9.0	8.3	8.7
A97-1715	9.0	8.3	8.7
B3-185	9.0	8.3	8.7
BA 83-113	9.0	8.3	8.7
BAR PP 0471	9.0	8.3	8.7
BARONETTE (BA 81-058)	9.0	8.3	8.7
BARTITIA	9.0	8.3	8.7
BLUESTONE (PST-731)	9.0	8.3	8.7
BOOMERANG	9.0	8.3	8.7
EVEREST	9.0	8.3	8.7
GO-9LM9	9.0	8.3	8.7
J-2885	9.0	8.3	8.7
JEWEL	9.0	8.3	8.7
MIDNIGHT	9.0	8.3	8.7
MOON SHADOW (PICK 113-3)	9.0	8.3	8.7
NORTH STAR	9.0	8.3	8.7
PP H 6370	9.0	8.3	8.7
PST-222	9.0	8.3	8.7
PST-604	9.0	8.3	8.7
PST-B5-125	9.0	8.3	8.7
SHOWCASE	9.0	8.3	8.7
SRX 2394	9.0	8.3	8.7
A97-1330	9.0	8.0	8.5
ALPINE	9.0	8.0	8.5
B3-171	9.0	8.0	8.5
BA 00-6001	9.0	8.0	8.5
BA 84-140	8.7	8.3	8.5
BAR PP 0468	8.0	9.0	8.5
BEYOND (J-1880)	9.0	8.0	8.5
BLACKSTONE	9.0	8.0	8.5
BODACIOUS	9.0	8.0	8.5
CVB-20631	8.0	9.0	8.5
DLF 76-9037	9.0	8.0	8.5
FREEDOM II	9.0	8.0	8.5
GOLDSTAR (A98-296)	9.0	8.0	8.5
H94-293	8.3	8.7	8.5
IMPACT	9.0	8.0	8.5
J-2561	8.3	8.7	8.5
MONTE CARLO (A96-402)	9.0	8.0	8.5
NA-K992	9.0	8.0	8.5
PP H 7929	9.0	8.0	8.5
PST-B5-89	8.7	8.3	8.5

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TABLE 15. (CONT'D)

BROWN PATCH RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
AT MADISON, WI
2001 DATA

BROWN PATCH RATINGS 1-9; 9=NO DISEASE 2/

NAME	JULY	AUGUST	MEAN	NAME	JULY	AUGUST	MEAN
RAVEN	9.0	8.0	8.5	BARITONE	8.0	7.7	7.8
SERENE	9.0	8.0	8.5	BARON	9.0	6.7	7.8
SRX 2114	9.0	8.0	8.5	BOUTIQUE	9.0	6.7	7.8
SRX QG245	9.0	8.0	8.5	CHELSEA	9.0	6.7	7.8
A98-139	9.0	7.7	8.3	JULIUS	8.0	7.7	7.8
A98-365	9.0	7.7	8.3	PICK 453	8.0	7.7	7.8
B4-128A	9.0	7.7	8.3	PRINCETON 105	7.3	8.3	7.8
BAR PP 0573	9.0	7.7	8.3	PST-B3-170	7.0	8.7	7.8
BRILLIANT	9.0	7.7	8.3	SI A96-386	7.7	8.0	7.8
J-1420	7.7	9.0	8.3	WILDWOOD	8.0	7.7	7.8
KENBLUE	9.0	7.7	8.3	A97-857	7.7	7.7	7.7
NA-K991	8.3	8.3	8.3	A98-407	8.0	7.3	7.7
PICK-232	8.0	8.7	8.3	ABBEY	9.0	6.3	7.7
PP H 6366	9.0	7.7	8.3	BLUE RIDGE (A97-1449)	8.3	7.0	7.7
PST-1QG-27	9.0	7.7	8.3	BORDEAUX	8.0	7.3	7.7
PST-B4-246	9.0	7.7	8.3	H92-203	7.7	7.7	7.7
PST-H5-35	8.3	8.3	8.3	HV 140	8.0	7.3	7.7
ROYALE (A97-1336)	9.0	7.7	8.3	HV 238	8.0	7.3	7.7
ROYCE (A98-304)	9.0	7.7	8.3	LAKESHORE (A93-200)	9.0	6.3	7.7
RUGBY II	7.7	9.0	8.3	PST-1804	7.7	7.7	7.7
WELLINGTON	9.0	7.7	8.3	RAMBO	9.0	6.3	7.7
99AN-53	9.0	7.3	8.2	SHAMROCK	7.7	7.7	7.7
A97-1409	8.3	8.0	8.2	A96-451	8.0	7.0	7.5
B5-144	9.0	7.3	8.2	A97-1432	9.0	6.0	7.5
BA 82-288	8.0	8.3	8.2	BARIRIS	7.7	7.3	7.5
BAR PP 0566	8.0	8.3	8.2	JULIA	9.0	6.0	7.5
BEDAZZLED	8.3	8.0	8.2	LILY	9.0	6.0	7.5
BH 00-6003	9.0	7.3	8.2	CHAMPAGNE	7.7	7.0	7.3
CHAMPLAIN (A98-1275)	9.0	7.3	8.2	PP H 7907	8.0	6.7	7.3
CHICAGO II	7.3	9.0	8.2	COVENTRY	7.7	6.7	7.2
ENVICTA	9.0	7.3	8.2	B5-43	7.3	6.7	7.0
MARQUIS	9.0	7.3	8.2	GOLDRUSH	7.0	7.0	7.0
PST-YORK HARBOR 4	8.7	7.7	8.2	PST-108-79	7.7	6.3	7.0
ARROW (A97-1567)	9.0	7.0	8.0	BROOKLAWN	7.3	6.3	6.8
BARZAN	8.0	8.0	8.0	A98-881	7.7	5.7	6.7
BH 00-6002	9.0	7.0	8.0	B5-45	7.7	5.7	6.7
DLF 76-9034	8.3	7.7	8.0	CHATEAU	8.0	5.3	6.7
H92-558	7.7	8.3	8.0	BLACKSBURG II (PST-1BMY)	6.3	6.7	6.5
LIMERICK	8.0	8.0	8.0	FAIRFAX	7.7	5.3	6.5
MISTY	9.0	7.0	8.0	ALLURE	6.7	5.3	6.0
SONOMA	9.0	7.0	8.0				
A96-427	8.0	7.7	7.8	LSD VALUE	6.8	2.1	2.1
APOLLO	8.0	7.7	7.8	C.V. (%)	12.8	13.2	10.2

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030227

TABLE 16. STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	OH1	MEAN
A98-1028	9.0	9.0	9.0
BA 82-288	9.0	9.0	9.0
BARON	9.0	9.0	9.0
BARONIE	9.0	9.0	9.0
BH 00-6003	9.0	9.0	9.0
BLACKSBURG II (PST-1BMY)	9.0	9.0	9.0
CHAMPLAIN (A98-1275)	9.0	9.0	9.0
CHELSEA	9.0	9.0	9.0
DLF 76-9034	9.0	9.0	9.0
HV 140	9.0	9.0	9.0
JEFFERSON	9.0	9.0	9.0
LAKESHORE (A93-200)	9.0	9.0	9.0
LIMERICK	9.0	9.0	9.0
NA-K992	9.0	9.0	9.0
PST-1701	9.0	9.0	9.0
RITA	9.0	9.0	9.0
SRX QG245	9.0	9.0	9.0
WELLINGTON	9.0	9.0	9.0
A96-427	9.0	8.7	8.8
A98-881	9.0	8.7	8.8
ABBEY	8.7	9.0	8.8
ARROW (A97-1567)	8.7	9.0	8.8
BAR PP 0573	9.0	8.7	8.8
BH 00-6002	8.7	9.0	8.8
BLUE KNIGHT	8.7	9.0	8.8
BOOMERANG	8.7	9.0	8.8
CHATEAU	9.0	8.7	8.8
DLF 76-9036	8.7	9.0	8.8
ENVICTA	8.7	9.0	8.8
EVERGLADE	8.7	9.0	8.8
FAIRFAX	9.0	8.7	8.8
GOLDSTAR (A98-296)	8.7	9.0	8.8
HV 238	8.7	9.0	8.8
JEWEL	9.0	8.7	8.8
LILY	9.0	8.7	8.8
MARQUIS	8.7	9.0	8.8
NORTH STAR	8.7	9.0	8.8
PICK-232	9.0	8.7	8.8
PP H 6370	9.0	8.7	8.8
PP H 7929	9.0	8.7	8.8
PRINCETON 105	8.7	9.0	8.8
PST-H5-35	9.0	8.7	8.8
RAMBO	9.0	8.7	8.8
SONOMA	8.7	9.0	8.8

NAME	IN1	OH1	MEAN
WASHINGTON	9.0	8.7	8.8
99AN-53	9.0	8.3	8.7
A97-857	8.3	9.0	8.7
ALPINE	9.0	8.3	8.7
BA 83-113	8.3	9.0	8.7
BARZAN	9.0	8.3	8.7
GO-9LM9	9.0	8.3	8.7
SRX 27921	8.3	9.0	8.7
A98-139	8.7	8.7	8.7
A98-183	8.7	8.7	8.7
ALLURE	8.7	8.7	8.7
B5-43	8.7	8.7	8.7
BAR PP 0566	8.7	8.7	8.7
BARITONE	8.7	8.7	8.7
BARONETTE (BA 81-058)	8.7	8.7	8.7
GOLDRUSH	8.7	8.7	8.7
JULIA	8.7	8.7	8.7
MOON SHADOW (PICK 113-3)	8.7	8.7	8.7
PST-108-79	8.7	8.7	8.7
A96-739	8.7	8.3	8.5
A96-742	9.0	8.0	8.5
A97-1432	8.3	8.7	8.5
A97-1715	9.0	8.0	8.5
A98-407	8.3	8.7	8.5
AWARD	8.7	8.3	8.5
B5-45	8.7	8.3	8.5
BA 00-6001	9.0	8.0	8.5
BEDAZZLED	9.0	8.0	8.5
BLACKSTONE	8.3	8.7	8.5
CHAMPAGNE	9.0	8.0	8.5
COVENTRY	8.3	8.7	8.5
CVB-20631	8.0	9.0	8.5
EAGLETON	9.0	8.0	8.5
EVEREST	9.0	8.0	8.5
H92-558	9.0	8.0	8.5
J-2695	8.3	8.7	8.5
MISTY	8.7	8.3	8.5
PST-222	8.0	9.0	8.5
PST-604	8.3	8.7	8.5
SRX 26351	9.0	8.0	8.5
B5-144	8.3	8.3	8.3
BARIRIS	8.3	8.3	8.3
MONTE CARLO (A96-402)	8.3	8.3	8.3
PST-161	8.3	8.3	8.3
ROYALE (A97-1336)	8.3	8.3	8.3

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TABLE 16. (CONT'D) STEM RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

STEM RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	IN1	OH1	MEAN
SHOWCASE	8.3	8.3	8.3
A97-1330	8.0	8.7	8.3
ASCOT	8.0	8.7	8.3
NUGLADE	8.7	8.0	8.3
PST-YORK HARBOR 4	8.7	8.0	8.3
B3-171	8.0	8.3	8.2
B3-185	8.0	8.3	8.2
BROOKLAWN	8.3	8.0	8.2
DLF 76-9037	8.0	8.3	8.2
J-2561	8.3	8.0	8.2
MIDNIGHT II (A98-739)	8.0	8.3	8.2
PRO SEEDS - 453	8.0	8.3	8.2
PST-1804	8.3	8.0	8.2
PST-1QG-27	8.0	8.3	8.2
PST-H6-150	8.0	8.3	8.2
B4-128A	7.7	8.7	8.2
BAR PP 0471	7.3	9.0	8.2
BLUESTONE (PST-731)	8.7	7.7	8.2
CABERNET	8.7	7.7	8.2
FREEDOM II	7.3	9.0	8.2
IB7-308	7.7	8.7	8.2
J-1368	8.7	7.7	8.2
J-2885	8.7	7.7	8.2
J-2890	7.7	8.7	8.2
MIDNIGHT	8.7	7.7	8.2
APOLLO	7.3	8.7	8.0
BA 84-140	7.0	9.0	8.0
CHICAGO II	7.0	9.0	8.0
EXCURSION (J-1648)	8.0	8.0	8.0
H92-203	7.7	8.3	8.0
H94-293	8.3	7.7	8.0
IMPACT	8.0	8.0	8.0
J-1838	8.0	8.0	8.0
LIBERATOR	8.3	7.7	8.0
LIMOUSINE	8.3	7.7	8.0
ODYSSEY	9.0	7.0	8.0
PICK 453	7.3	8.7	8.0
PP H 7832	7.7	8.3	8.0
PP H 7907	7.7	8.3	8.0
RAVEN	8.3	7.7	8.0
TOTAL ECLIPSE	9.0	7.0	8.0
UNIQUE	8.0	8.0	8.0
WILDWOOD	8.0	8.0	8.0
ARCADIA	8.0	7.7	7.8

NAME	IN1	OH1	MEAN
BAR PP 0468	7.7	8.0	7.8
BARTITIA	8.0	7.7	7.8
J-1420	8.0	7.7	7.8
J-1515	8.0	7.7	7.8
ROYCE (A98-304)	8.0	7.7	7.8
RUGBY II	7.7	8.0	7.8
SHAMROCK	8.3	7.3	7.8
SI A96-386	8.0	7.7	7.8
BODACIOUS	7.0	8.7	7.8
BARRISTER (J-1655)	7.7	7.7	7.7
LANGARA	8.3	7.0	7.7
SERENE	7.0	8.3	7.7
BEYOND (J-1880)	8.0	7.3	7.7
HALLMARK	7.3	8.0	7.7
MALLARD (A97-1439)	7.3	8.0	7.7
PST-B3-170	7.3	8.0	7.7
SRX 2114	7.3	8.0	7.7
A96-451	7.3	7.7	7.5
BORDEAUX	7.3	7.7	7.5
BRILLIANT	7.0	8.0	7.5
J-1513	7.3	7.7	7.5
PICK 417	6.7	8.3	7.5
PST-B5-125	7.0	8.0	7.5
QUANTUM LEAP	8.7	6.3	7.5
BLUE RIDGE (A97-1449)	8.0	6.7	7.3
PP H 6366	7.0	7.7	7.3
PST-B4-246	6.3	8.3	7.3
TSUNAMI (J-2487)	7.7	7.0	7.3
UNKNOWN	8.0	6.7	7.3
A97-1409	7.3	7.3	7.3
NA-K991	6.0	8.7	7.3
A98-365	8.3	6.0	7.2
JULIUS	6.7	7.7	7.2
PST-B5-89	5.7	8.7	7.2
BOUTIQUE	7.3	6.7	7.0
DLF 76-9032	6.7	7.3	7.0
MOONLIGHT	5.0	9.0	7.0
SRX 2394	7.3	6.7	7.0
KENBLUE	9.0	4.3	6.7
SR 2284 (SRX 2284)	7.3	5.3	6.3
LSD VALUE	1.0	1.8	1.0
C.V. (%)	7.9	13.6	11.1

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030027

TABLE 17. DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	PA1
PST-H6-150	9.0
ROYCE (A98-304)	9.0
BAR PP 0468	8.7
DLF 76-9037	8.7
UNIQUE	8.7
BAR PP 0471	8.3
GOLDSTAR (A98-296)	8.3
MALLARD (A97-1439)	8.3
MIDNIGHT II (A98-739)	8.3
PST-1QG-27	8.3
A97-1330	8.0
APOLLO	8.0
ASCOT	8.0
B3-171	8.0
BRILLIANT	8.0
EVEREST	8.0
IB7-308	8.0
J-1368	8.0
RUGBY II	8.0
SHOWCASE	8.0
A98-365	7.7
B3-185	7.7
BAR PP 0573	7.7
BEDAZZLED	7.7
BH 00-6003	7.7
H92-203	7.7
J-1513	7.7
J-2885	7.7
J-2890	7.7
NUGLADE	7.7
PP H 7929	7.7
PRO SEEDS - 453	7.7
PST-222	7.7
ROYALE (A97-1336)	7.7
SI A96-386	7.7
SRX 2394	7.7
99AN-53	7.3
A98-183	7.3
ARROW (A97-1567)	7.3
AWARD	7.3
BARONETTE (BA 81-058)	7.3
BARRISTER (J-1655)	7.3
BEYOND (J-1880)	7.3
BLUE RIDGE (A97-1449)	7.3

NAME	PA1
BLUESTONE (PST-731)	7.3
BODACIOUS	7.3
CVB-20631	7.3
EVERGLADE	7.3
J-1420	7.3
J-1515	7.3
J-1838	7.3
LIBERATOR	7.3
MOON SHADOW (PICK 113-3)	7.3
MOONLIGHT	7.3
ODYSSEY	7.3
PST-B5-89	7.3
SR 2284 (SRX 2284)	7.3
TOTAL ECLIPSE	7.3
TSUNAMI (J-2487)	7.3
UNKNOWN	7.3
A96-427	7.0
BOOMERANG	7.0
DLF 76-9032	7.0
DLF 76-9034	7.0
GOLDRUSH	7.0
H94-293	7.0
IMPACT	7.0
J-2695	7.0
PST-1804	7.0
QUANTUM LEAP	7.0
WASHINGTON	7.0
A96-451	6.7
ALPINE	6.7
ARCADIA	6.7
BA 00-6001	6.7
BOUTIQUE	6.7
DLF 76-9036	6.7
EAGLETON	6.7
EXCURSION (J-1648)	6.7
GO-9LM9	6.7
J-2561	6.7
KENBLUE	6.7
MISTY	6.7
MONTE CARLO (A96-402)	6.7
PICK-232	6.7
PP H 7907	6.7
SRX 27921	6.7
A96-739	6.3
A97-1409	6.3

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TABLE 17. (CONT'D) DOLLAR SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

DOLLAR SPOT RATINGS 1-9; 9=NO DISEASE 2/

NAME	PA1	NAME	PA1
A97-1432	6.3	PST-H5-35	5.3
A98-1028	6.3	ALLURE	5.0
A98-139	6.3	B5-144	5.0
A98-407	6.3	B5-43	5.0
ABBEY	6.3	BARZAN	5.0
BA 83-113	6.3	BLUE KNIGHT	5.0
BAR PP 0566	6.3	BROOKLAWN	5.0
BLACKSTONE	6.3	CHATEAU	5.0
CHELSEA	6.3	HALLMARK	5.0
LANGARA	6.3	LIMOUSINE	5.0
RAVEN	6.3	PST-B4-246	5.0
SHAMROCK	6.3	PST-B5-125	5.0
A96-742	6.0	SERENE	5.0
A98-881	6.0	A97-857	4.7
BA 82-288	6.0	B5-45	4.7
BARTITIA	6.0	CABERNET	4.7
HV 238	6.0	CHAMPLAIN (A98-1275)	4.7
LIMERICK	6.0	ENVICTA	4.7
MARQUIS	6.0	JULIUS	4.7
PST-161	6.0	PP H 6370	4.7
PST-604	6.0	PRINCETON 105	4.7
SONOMA	6.0	PST-YORK HARBOR 4	4.7
A97-1715	5.7	SRX QG245	4.7
BA 84-140	5.7	FREEDOM II	4.3
FAIRFAX	5.7	LILY	4.3
LAKESHORE (A93-200)	5.7	NA-K991	4.3
MIDNIGHT	5.7	SRX 2114	4.3
PST-1701	5.7	WILDWOOD	4.3
RAMBO	5.7	B4-128A	4.0
RITA	5.7	CHAMPAGNE	4.0
SRX 26351	5.7	PST-B3-170	4.0
WELLINGTON	5.7	BARIRIS	3.7
BARON	5.3	BARITONE	3.7
BARONIE	5.3	BH 00-6002	3.7
BLACKSBURG II (PST-1BMY)	5.3	PP H 7832	3.7
BORDEAUX	5.3	PICK 453	3.3
CHICAGO II	5.3	H92-558	3.0
COVENTRY	5.3	JULIA	3.0
HV 140	5.3	NA-K992	3.0
JEFFERSON	5.3	PICK 417	3.0
JEWEL	5.3		
NORTH STAR	5.3	LSD VALUE	2.7
PP H 6366	5.3	C.V. (%)	26.6
PST-108-79	5.3		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030027

TABLE 18. CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

CROWN RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	WA3	NAME	WA3
99AN-53	9.0	EVERGLADE	9.0
A96-427	9.0	EXCURSION (J-1648)	9.0
A96-451	9.0	GOLDSTAR (A98-296)	9.0
A96-739	9.0	H92-203	9.0
A96-742	9.0	H92-558	9.0
A97-1432	9.0	H94-293	9.0
A97-1715	9.0	HALLMARK	9.0
A97-857	9.0	HV 140	9.0
A98-1028	9.0	HV 238	9.0
A98-139	9.0	IB7-308	9.0
A98-183	9.0	J-1368	9.0
A98-407	9.0	J-1838	9.0
ALLURE	9.0	JEFFERSON	9.0
ARROW (A97-1567)	9.0	JEWEL	9.0
AWARD	9.0	JULIA	9.0
B3-171	9.0	LANGARA	9.0
B3-185	9.0	LILY	9.0
B5-144	9.0	LIMOUSINE	9.0
B5-43	9.0	MARQUIS	9.0
B5-45	9.0	MIDNIGHT	9.0
BA 00-6001	9.0	MISTY	9.0
BAR PP 0471	9.0	MONTE CARLO (A96-402)	9.0
BAR PP 0566	9.0	MOON SHADOW (PICK 113-3)	9.0
BAR PP 0573	9.0	MOONLIGHT	9.0
BARON	9.0	NA-K991	9.0
BARONETTE (BA 81-058)	9.0	NORTH STAR	9.0
BARONIE	9.0	PP H 7929	9.0
BARTITIA	9.0	PRINCETON 105	9.0
BEDAZZLED	9.0	PRO SEEDS - 453	9.0
BH 00-6002	9.0	PST-1701	9.0
BH 00-6003	9.0	PST-1QG-27	9.0
BLACKSBURG II (PST-1BMY)	9.0	PST-222	9.0
BLACKSTONE	9.0	PST-604	9.0
BLUE RIDGE (A97-1449)	9.0	PST-B3-170	9.0
BOOMERANG	9.0	PST-B4-246	9.0
BOUTIQUE	9.0	PST-B5-89	9.0
BROOKLAWN	9.0	PST-H5-35	9.0
CABERNET	9.0	PST-H6-150	9.0
CHATEAU	9.0	PST-YORK HARBOR 4	9.0
COVENTRY	9.0	ROYALE (A97-1336)	9.0
DLF 76-9034	9.0	ROYCE (A98-304)	9.0
DLF 76-9036	9.0	SHAMROCK	9.0
DLF 76-9037	9.0	SHOWCASE	9.0
EAGLETON	9.0	SI A96-386	9.0
		SONOMA	9.0

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TABLE 18. (CONT'D) CROWN RUST RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

CROWN RUST RATINGS 1-9; 9=NO DISEASE 2/

NAME	WA3	NAME	WA3
SRX 2114	9.0	J-2890	7.7
SRX 2394	9.0	NUGLADE	7.7
SRX QG245	9.0	PST-B5-125	7.7
UNIQUE	9.0	TSUNAMI (J-2487)	7.5
WASHINGTON	9.0	B4-128A	7.3
WELLINGTON	9.0	BA 83-113	7.3
WILDWOOD	9.0	BA 84-140	7.3
A97-1409	8.7	BODACIOUS	7.3
APOLLO	8.7	DLF 76-9032	7.3
BAR PP 0468	8.7	EVEREST	7.3
MALLARD (A97-1439)	8.7	FREEDOM II	7.3
RITA	8.7	IMPACT	7.3
A98-881	8.3	J-1513	7.3
ABBEY	8.3	J-1515	7.3
ASCOT	8.3	J-2885	7.3
BA 82-288	8.3	NA-K992	7.3
BORDEAUX	8.3	PP H 7907	7.3
CVB-20631	8.3	PST-108-79	7.3
ENVICTA	8.3	RAVEN	7.3
J-2561	8.3	RUGBY II	7.3
LAKESHORE (A93-200)	8.3	UNKNOWN	7.3
LIMERICK	8.3	BARRISTER (J-1655)	7.0
MIDNIGHT II (A98-739)	8.3	CHELSEA	7.0
PICK 453	8.3	CHICAGO II	7.0
PICK-232	8.3	J-1420	7.0
PST-161	8.3	KENBLUE	7.0
SR 2284 (SRX 2284)	8.3	LIBERATOR	7.0
A98-365	8.0	PST-1804	7.0
ALPINE	8.0	RAMBO	7.0
BRILLIANT	8.0	BEYOND (J-1880)	6.7
GOLDRUSH	8.0	J-2695	6.7
PICK 417	8.0	SRX 27921	6.7
PP H 6366	8.0	BARZAN	6.3
PP H 7832	8.0	BLUESTONE (PST-731)	6.3
SERENE	8.0	BARITONE	6.0
TOTAL ECLIPSE	8.0	SRX 26351	6.0
A97-1330	7.7	JULIUS	5.7
ARCADIA	7.7	PP H 6370	5.7
BARIRIS	7.7	QUANTUM LEAP	5.3
BLUE KNIGHT	7.7	ODYSSEY	5.0
CHAMPAGNE	7.7		
CHAMPLAIN (A98-1275)	7.7	LSD VALUE	2.4
FAIRFAX	7.7	C.V. (%)	17.9
GO-9LM9	7.7		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

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TABLE 19. POWDERY MILDEW RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

POWDERY MILDEW RATINGS 1-9; 9=NO DISEASE 2/

NAME	IL3	NAME	IL3
99AN-53	9.0	H94-293	9.0
A96-451	9.0	HV 140	9.0
A96-742	9.0	IB7-308	9.0
A97-1330	9.0	JEWEL	9.0
A97-1409	9.0	JULIA	9.0
A98-183	9.0	KENBLUE	9.0
A98-407	9.0	LAKESHORE (A93-200)	9.0
ALLURE	9.0	LANGARA	9.0
APOLLO	9.0	LIMERICK	9.0
ARROW (A97-1567)	9.0	LIMOUSINE	9.0
ASCOT	9.0	MALLARD (A97-1439)	9.0
B3-171	9.0	MISTY	9.0
B3-185	9.0	MONTE CARLO (A96-402)	9.0
B5-43	9.0	MOON SHADOW (PICK 113-3)	9.0
B5-45	9.0	NA-K992	9.0
BA 00-6001	9.0	PICK 417	9.0
BA 83-113	9.0	PICK 453	9.0
BA 84-140	9.0	PICK-232	9.0
BAR PP 0468	9.0	PP H 7832	9.0
BAR PP 0471	9.0	PP H 7907	9.0
BAR PP 0566	9.0	PP H 7929	9.0
BARITONE	9.0	PRINCETON 105	9.0
BARZAN	9.0	PRO SEEDS - 453	9.0
BEDAZZLED	9.0	PST-108-79	9.0
BH 00-6003	9.0	PST-161	9.0
BLUE KNIGHT	9.0	PST-1804	9.0
BLUE RIDGE (A97-1449)	9.0	PST-1QG-27	9.0
BOOMERANG	9.0	PST-222	9.0
BORDEAUX	9.0	PST-B4-246	9.0
BOUTIQUE	9.0	PST-H6-150	9.0
BRILLIANT	9.0	PST-YORK HARBOR 4	9.0
BROOKLAWN	9.0	ROYCE (A98-304)	9.0
CHAMPAGNE	9.0	SERENE	9.0
CHAMPLAIN (A98-1275)	9.0	SHOWCASE	9.0
CHATEAU	9.0	SONOMA	9.0
CHELSEA	9.0	SR 2284 (SRX 2284)	9.0
CVB-20631	9.0	SRX 2114	9.0
DLF 76-9032	9.0	SRX 2394	9.0
DLF 76-9037	9.0	SRX 26351	9.0
EAGLETON	9.0	SRX 27921	9.0
FAIRFAX	9.0	SRX QG245	9.0
GOLDSTAR (A98-296)	9.0	UNIQUE	9.0
H92-203	9.0	WASHINGTON	9.0
H92-558	9.0	WELLINGTON	9.0
		A96-739	8.7

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TABLE 19. (CONT'D) POWDERY MILDEW RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/
2001 DATA

POWDERY MILDEW RATINGS 1-9; 9=NO DISEASE 2/

NAME	IL3	NAME	IL3
A97-1432	8.7	A97-857	7.0
A98-1028	8.7	ENVICTA	7.0
A98-365	8.7	BARON	6.7
ALPINE	8.7	BARONIE	6.7
B4-128A	8.7	BARTITIA	6.7
BLACKSTONE	8.7	CHICAGO II	6.7
BODACIOUS	8.7	DLF 76-9036	6.7
COVENTRY	8.7	MIDNIGHT II (A98-739)	6.7
HV 238	8.7	DLF 76-9034	6.3
MOONLIGHT	8.7	NA-K991	6.3
PP H 6370	8.7	RAVEN	6.3
PST-1701	8.7	QUANTUM LEAP	6.0
PST-B5-89	8.7	J-2885	5.7
ROYALE (A97-1336)	8.7	RAMBO	5.7
SHAMROCK	8.7	ABBEY	5.3
A96-427	8.3	J-1368	5.3
BARIRIS	8.3	J-1515	5.3
GO-9LM9	8.3	J-1838	5.3
JEFFERSON	8.3	MIDNIGHT	5.3
JULIUS	8.3	AWARD	5.0
MARQUIS	8.3	BARRISTER (J-1655)	5.0
PP H 6366	8.3	EVERGLADE	5.0
PST-B5-125	8.3	J-1420	5.0
SI A96-386	8.3	J-2890	5.0
WILDWOOD	8.3	LIBERATOR	5.0
A98-139	8.0	RUGBY II	5.0
A98-881	8.0	TOTAL ECLIPSE	5.0
BAR PP 0573	8.0	UNKNOWN	5.0
BARONETTE (BA 81-058)	8.0	EVEREST	4.7
CABERNET	8.0	EXCURSION (J-1648)	4.7
FREEDOM II	8.0	BEYOND (J-1880)	4.3
HALLMARK	8.0	J-2695	4.3
NORTH STAR	8.0	BLUESTONE (PST-731)	4.0
PST-B3-170	8.0	J-1513	4.0
B5-144	7.7	J-2561	4.0
BA 82-288	7.7	ARCADIA	3.7
BH 00-6002	7.7	IMPACT	3.7
GOLDRUSH	7.7	TSUNAMI (J-2487)	3.7
LILY	7.7	ODYSSEY	3.3
PST-604	7.7	NUGLADE	2.7
PST-H5-35	7.7		
RITA	7.7	LSD VALUE	1.5
A97-1715	7.3	C.V. (%)	11.9
BLACKSBURG II (PST-1BMY)	7.3		

1/ TO DETERMINE STATISTICAL DIFFERENCES AMONG ENTRIES, SUBTRACT ONE ENTRY'S MEAN FROM ANOTHER ENTRY'S MEAN. STATISTICAL DIFFERENCES OCCUR WHEN THIS VALUE IS LARGER THAN THE CORRESPONDING LSD VALUE (LSD 0.05).

2/ C.V. (COEFFICIENT OF VARIATION) INDICATES THE PERCENT VARIATION OF THE MEAN IN EACH COLUMN.

#20030027

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE

EXHIBIT E
STATEMENT OF THE BASIS OF OWNERSHIP

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
Seed Research of Oregon	A95-284 SRX 2284	SR 2284

4. ADDRESS *(Street and No., or R.F.D. No., City, State, and ZIP, and Country)*	5. TELEPHONE *(include area code)*	6. FAX *(include area code)*
27630 Llewellyn Rd. Corvallis, OR 97333	541-~~758-9415~~ 757-2663	541-~~752-2065~~ 758-5305 (BT: 6/13/2008)

7. PVPO NUMBER #200300227

8. Does the applicant own all rights to the variety? *Mark an "X" in appropriate block.* If no, please explain. [X] YES [ ] NO

A royalty is paid to Rutgers University for their contributuion to the germplasm used in the development.

9. Is the applicant (individual or company) a U.S. national or U.S. based company? [X] YES [ ] NO
If no, give name of country

10. Is the applicant the original owner? [X] YES [ ] NO *If no, please answer one of the following:*

a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)?

[ ] YES [ ] NO If no, give name of country

b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company?

[ ] YES [ ] NO If no, give name of country

11. Additional explanation on ownership *(if needed, use reverse for extra space)*:

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.

2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.

3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

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