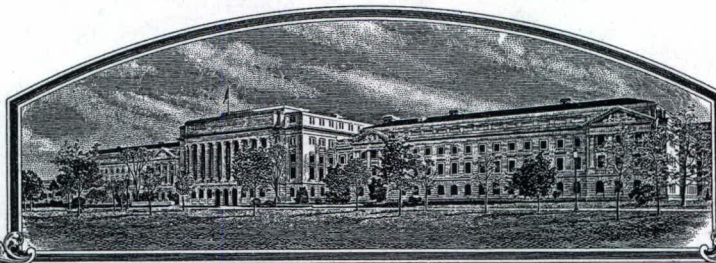


No.



# THE UNITED STATES OF AMERICA

**TO ALL TO WHOM THESE PRESENTS SHALL COME:**

## J.R. Simplot Company

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 importing it, or exporting it, or conditioning it for propagation, or stocking it for any of the above purposes, or using it in producing a hybrid or different therefrom, to the extent provided by the PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

BLUEGRASS, KENTUCKY

'EverGlade'

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 twentieth day of May, the year two thousand and nine.*

Attest:

Commissioner  
Plant Variety Protection Office  
Agricultural Marketing Service

Secretary

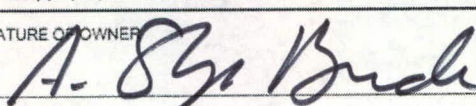


U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

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 FOR PLANT VARIETY PROTECTION CERTIFICATE**  
 (Instructions and information collection burden statement on reverse)

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 <b>J.R. Simplot Company</b> <i>(PT: 7/31/2008)</i>		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME J-2910, 94-2910		3. VARIETY NAME EverGlade	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) W. 5300 Riverbend Avenue Post Falls, Idaho 83854		5. TELEPHONE (include area code) 208-773-7581		FOR OFFICIAL USE ONLY PVPO NUMBER <b>200400208</b>	
6. FAX (include area code) 208-773-4846		7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Nevada	
9. DATE OF INCORPORATION June 28, 1955		10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) A. Douglas Brede W. 5300 Riverbend Avenue Post Falls, Idaho 83854		FILING AND EXAMINATION FEES: \$ <b>3652<sup>-</sup></b> DATE <b>5/2/2004</b> CERTIFICATION FEE: \$ <b>768.00</b> DATE <b>10/27/2008</b>	
11. TELEPHONE (Include area code) 208-773-7581		12. FAX (Include area code) 208-773-4846		13. E-MAIL doug.brede@simplot.com	
14. CROP KIND (Common Name) Kentucky bluegrass		15. GENUS AND SPECIES NAME OF CROP Poa pratensis		16. FAMILY NAME (Botanical) Gramineae	
17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> 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. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,705), 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 <input type="checkbox"/> YES (If "yes", answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no", go to item 22)	
20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? IF YES, WHICH CLASSES? <input checked="" type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED		21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? IF YES, SPECIFY THE NUMBER 1,2,3, etc. <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> 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? <input checked="" type="checkbox"/> YES <b>3/2/2004</b> <input type="checkbox"/> 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)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> 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 		SIGNATURE OF OWNER			
NAME (Please print or type) A. Douglas Brede		NAME (Please print or type)			
CAPACITY OR TITLE Research Director		DATE 27 Apr 04		CAPACITY OR TITLE	
DATE		DATE			

01/10  
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**GENERAL INSTRUCTIONS:** 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, F; (3) for a tuber reproduced variety, 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; and (4) payment by credit card or check drawn on a U.S. bank for \$4,382 (\$518 filing fee and \$3,864 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice). **NEW:** With the application for a seed reproduced variety or by direct deposit soon after filing, the applicant must provide at least 3,000 viable untreated seeds of the variety *per se*, and for a hybrid variety at least 3,000 untreated seeds of each line necessary to reproduce the variety. Partial applications will be held in the PVPO for not more than 90 days; then returned to the applicant as un-filed. 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 payment by credit card or check payable to "Treasurer of the United States" in the amount of \$768 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

**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. The fees for filing a change of address; owner's representative; 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.)

Plant Variety Protection Office

Telephone: (301) 504-5518

FAX: (301) 504-5291

# 200400208

General E-mail: PVP@mail@usda.gov

Homepage: <http://www.ams.usda.gov/science/pvpo/PVPindex.htm>

**SPECIFIC INSTRUCTIONS:**

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that the permanent name of the application variety (even if it is a parental, inbred line) has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: U.S. Department of Agriculture, Agricultural Marketing Service, Livestock and Seed Programs, Seed Regulatory and Testing Branch, 801 Summit Crossing Place, Suite C, Gastonia, North Carolina 28054-2193 Telephone: (704) 810-8870. <http://www.ams.usda.gov/lsg/seed.htm>.

**ITEM**

- 19a. 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
- 19b. 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 replicated 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.
- 19c. 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.
- 19d. 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.
- 19e. 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.
20. 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).
23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

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

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23. 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.)

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24. 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).)

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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 1.4 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, age, disability, and where applicable, sex, marital status, familial status, parental status, religion, sexual orientation, genetic information, political beliefs, reprisal, or because all or part of an individual's income is derived from any public assistance program (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 to USDA, Director, Office of Civil Rights, 1400 Independence Avenue, S.W., Washington, D.C. 20250-9410, or call (800) 795-3272 (voice) or (202) 720-6382 (TDD). USDA is an equal opportunity provider and employer.

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**Exhibit 18A****Origin and Breeding History – ‘EverGlade’ Kentucky Bluegrass**

‘EverGlade’ Kentucky bluegrass originated as an apomictic, single-plant selection from the hybrid progeny of cross 92-4230, which was created in the field 6/1/1992. In 92-4230, Jacklin breeding line 92-0076 was used as the maternal parent and ‘Midnight’ as the pollen parent. 92-0076 is a dark green variety with medium/low turf quality; it was created in the field on 7/10/1990 from an open-pollinated hybridization of ‘Midnight’ Kentucky bluegrass. Seeds harvested from 92-0076 were sown in greenhouse flats in spring of 1993, and transplanted into a spaced-plant nursery of 40,701 plants. Offspring with characteristics dissimilar to 92-0076 were selected during maturation in spring of 1994. Plant number 94-2910 (the experimental designation for EverGlade) was identified as being unique from its maternal parent by the color and appearance of its seedhead. Plant 94-2910 produced 56 g of clean seed from a single spaced plant, which is nearly four times the amount typical for a bluegrass spaced plant in Northern Idaho. EverGlade was selected for release based on its US East Coast turf performance, combined with reliable seed yield in the Pacific Northwest.

Seed from 94-2910 was tested in Jacklin turf quality trials in Idaho in 1994, in Ohio, New Jersey, and Maryland in 1997, and in National Turfgrass Evaluation Program (NTEP) trials in 2000. In Idaho it was evaluated at both 31 and 12-mm mowing heights, and in Maryland at 51 and 9.5-mm mowing. Its seed yielding ability was evaluated in a replicated yield trial in Post Falls planted in 1998 and in a production block near Connell, WA, seeded in 1999. First Breeder seed was produced in 2000 and first Certified seed in 2003, though none was sold until 2004.

Progeny trials were conducted in spaced-plant nurseries, established near Post Falls, ID, in May 1999, to determine the level of apomixis. Among 1267 EverGlade plants, 1.5% were variants in the vegetative (pre-heading) stage, 0.7% were heading maturity variants, 0% were seedhead variants, and 1.7% were miniature plants. In spaced-plant nurseries, EverGlade averaged 96% apomictic. In commercial seed production, apomixis typically can vary from 90 to 99% depending upon weather, location, and year, and the types of variants produced remain fairly similar over time.

EverGlade Kentucky bluegrass is a stable and uniform cultivar. Over nine years of commercial seed production, from Breeders through Certified seed, all seedlots evaluated have produced turf of comparable quality and acceptable uniformity. Aberrant progeny are rogued from Breeders, Foundation, and Registered fields to insure continued uniformity and stability, but they will continue to occur in every generation.

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**Exhibit 18B****Statement of Distinctness – EverGlade Kentucky Bluegrass**

'EverGlade' is a moderately low-growing Kentucky bluegrass cultivar with medium-late maturity. EverGlade can be distinguished from all other varieties by the combination of spaced-plant, seed, and turf characteristics described in Tables 1 through 13. EverGlade most closely resembles 'Liberator' Kentucky bluegrass but differs from it in the following characters:

1. EverGlade has a significantly shorter culm length than Liberator (41.2 cm for EverGlade versus 44.3 cm for Liberator in 2001, significant at 0.001 level; 44.6 cm for EverGlade versus 47.5 cm for Liberator in 2002, significant at 0.001 level) (Table 1).
2. EverGlade has significantly higher turf quality when maintained under "schedule B" in the 2000 National Turfgrass Evaluation Program (NTEP) than Liberator, averaged across 15 locations, 2002 results (rating of 6.4 for EverGlade versus 6.0 for Liberator,  $LSD_{0.05}=0.3$ ) (Table 9). Schedule B is 1 to 2 inch mowing, 3-4 lbs. N/1000 ft<sup>2</sup>/year, and irrigation to prevent dormancy.
3. EverGlade has significantly higher turf quality at 6 locations in the transition zone than Liberator (rating of 6.3 for EverGlade versus 5.6 for Liberator,  $LSD_{0.05}=0.4$ ) (Table 10). The transition zone includes sites in Illinois, Kentucky, Maryland, Missouri, North Carolina, and Virginia.
4. EverGlade has significantly darker green genetic color than Liberator, averaged across 26 locations in the NTEP trial of 2000, 2002 results (rating of 7.2 for EverGlade versus 6.8 for Liberator,  $LSD_{0.05}=0.2$ ) (Table 11).
5. EverGlade has significantly finer leaf texture than Liberator, averaged across 18 locations in the NTEP trial of 2000, 2002 results (rating of 6.3 for EverGlade versus 6.0 for Liberator,  $LSD_{0.05}=0.2$ ) (Table 12).
6. EverGlade has significantly better leaf spot resistance than Liberator, averaged across 4 locations in the NTEP trial of 2000, 2002 results (rating of 8.4 for EverGlade versus 7.7 for Liberator,  $LSD_{0.05}=0.6$ ) (Table 13).

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U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE  
 PLANT VARIETY PROTECTION OFFICE  
 BELTSVILLE, MARYLAND 20705  
**OBJECTIVE DESCRIPTION OF VARIETY**  
**BLUEGRASS (*Poa spp*)**

Exhibit 16C  
 (Bluegrass)

NAME OF APPLICANT(S) <b>J.R. Simplot Company (at: 9/15/2008)</b>	VARIETY NAME OR TEMPORARY DESIGNATION <b>EverGlade</b>
ADDRESS (Street and no., or R.F.D. No., City State and ZIP Code) <b>W. 5300 Riverbend Ave. Post Falls, Idaho 83854</b>	FOR OFFICIAL USE ONLY PVPO NUMBER <b>#200400208</b>

Place the appropriate number that describes the Varietal character of this variety in the boxes below. Use leading zeros when necessary (e.g., 089 or 09). 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 system used; 1-9 rating scale, where mentioned. Describe location of test area, conditions and number of plants used: Rathdrum, ID, 20-60 plants/cultivar x 3 reps: The symbol "▲" indicates decimal. Location of the test area: Farm near Rathdrum, Idaho

**1. SPECIES: (With comparison varieties for use below - use varieties within species of application variety)**

2	1= <i>Poa compressa</i>	2= <i>P. pratensis</i>	3= <i>P. trivialis</i>	4= Other (specify) _____
	Chromosome Number			

**2. ADAPTATION: ( 0= Not tested; 1= Not Adapted; 2= Adapted)**

2	Northeast	2	Transitional zone	1	Southeast	2	North Central
2	Pacific N.W.	2	Intermountain	2	Southwest (CA.,AZ.)		Other (specify) _____

**3. Maturity: (At first anthesis): Give test area Rathdrum, ID**

☆ 5 Maturity Class:  
 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)

June 4                                      Date of First Anthesis

	3	Number of days earlier than	☆ <span style="border: 1px solid black; padding: 2px;">12</span>	1=Nugget	2=Fylking	3=Delta	10= Liberator
		Maturity same as	☆ <span style="border: 1px solid black; padding: 2px;">10</span>	4=Merion	5=Newport	6=Baron	11=Touchdown
	5	Number of days later than	☆ <span style="border: 1px solid black; padding: 2px;">6</span>	7=Mystic	8=Sabre	9=Reubens	12=Award

**4. PLANT HEIGHT: (At maturity; Average of longest shoot of 10 plants from soil surface to top of panicle) Test**

area Rathdrum, Idaho

☆ 2  
 1= Short (Nugget)                                      2 = Medium short (Baron, Fylking, Mystic)  
 3= Medium Tall (Merion, Adelphi)    4= Tall (Delta)    5 = Very Tall

☆ <span style="border: 1px solid black; padding: 2px;">4</span>	1▲	2	cm Height	☆ <span style="border: 1px solid black; padding: 2px;">6</span>	1=Nugget	2=Fylking	3=Delta	13=Freedom II
	8▲	6	cm Shorter than	☆ <span style="border: 1px solid black; padding: 2px;">13</span>	4=Merion	5=Newport	6=Baron	14=Blacksburg
	6▲	9	cm Taller than	☆ <span style="border: 1px solid black; padding: 2px;">14</span>	7=Mystic	8=Sabre	9=Reubens	

**5. GROWTH HABIT:**

☆ 2    3 = Prostrate (Nugget)    2 = Semi-prostrate (Merion)    1 = Erect (Delta)

4 4 cm Amount of spread by rhizomes in 1 year (give test area Rathdrum, Idaho.)

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6. LEAF BLADE:

☆ <input type="checkbox"/> 4	Green Color	1 = Light Green (Mystic)	2 = Medium Green (Fylking, Bonnieblue)	
		3 = Moderately dk. green (Merion, Adelphi)	4 = Very dk. green (Nugget, Glade, Enmundi)	
☆ <input type="checkbox"/> 3	Bluegreen Color	1 = Not bluegreen (Mystic, Touchdown, Parade)	2 = Moderately bluegreen (Merion, A-34)	
		3 = Bluegreen (Nugget, Enmundi, Adelphi)	4 = Strongly bluegreen (Majestic)	
<input type="checkbox"/> 1	Winter color	1 = Light green	2 = Dark green	3 = Light purple
		4 = Dark purple	5 = Not purple	6 = Not green or purple
☆ <input type="checkbox"/> 1	Hairs upper side:	1 = Absent (Nugget)	2 = Sparse (Merion)	3 = Dense (Park)
<input type="checkbox"/> 1	Hairs lower side:	1 = Absent (Fylking, Merion)	2 = Sparse	3 = Dense (Nugget)
<input type="checkbox"/> 2	Luster upper side:	1 = Shiny (Eclipse, Enmundi)	2 = Dull (Aquila, Parade)	
<input type="checkbox"/> 1	Luster lower side:	1 = Shiny (Mystic, Enmundi)	2 = Dull (Barvie, Eclipse)	
☆ <input type="checkbox"/> 1	Margin hairs (Fringe on Margin or Base):	1 = Absent (Delta)	2 = Present (Fylking, Merion)	
☆ <input type="checkbox"/> 3	Width	1 = Very fine (Mystic)	2 = Fine (Nugget)	3 = Medium (Merion, Fylking)
		4 = Broad (Adelphi, Baron)	5 = Very broad (Monoply)	
<input type="checkbox"/> 3 ▲ <input type="checkbox"/> 7 <input type="checkbox"/> 7	mm Width (flag leaf)			
<input type="checkbox"/> 0 ▲ <input type="checkbox"/> 7 <input type="checkbox"/> 6	mm Narrower than	☆ <input type="checkbox"/> 11	1=Nugget	2=Fylking 3=Delta
	Width same as	☆ <input type="checkbox"/> 10	4=Merion	5=Newport 6=Baron
<input type="checkbox"/> ▲ 2 <input type="checkbox"/> 6	mm Wider than	☆ <input type="checkbox"/> 6	7=Mystic	8=Sabre 9=Reubens
<input type="checkbox"/> 5 <input type="checkbox"/> 5 ▲ <input type="checkbox"/> 0	mm Length (flag leaf)			<i>10=Liberator</i>
<input type="checkbox"/> <input type="checkbox"/> 5 ▲ <input type="checkbox"/> 2	mm Shorter than	☆ <input type="checkbox"/> 10	1=Nugget	2=Fylking 3=Delta 14=Blacksburg
	Length same as	☆ <input type="checkbox"/> 6	4=Merion	5=Newport 6=Baron
<input type="checkbox"/> 2 <input type="checkbox"/> 1 ▲ <input type="checkbox"/> 9	mm Longer than	☆ <input type="checkbox"/> 1	7=Mystic	8=Sabre 9=Reubens
	Position of flag leaf (angle to stem):		1 =	2= Open angle, yet stiff 3 = Nodding
			Appressed	

7. LEAF SHEATH:

<input type="checkbox"/> 1 <input type="checkbox"/> 0 <input type="checkbox"/> 6	mm sheath length			
☆ <input type="checkbox"/>	Seedling Color (base of sheath):	1 = Green (Nugget, Merion)	2 = Red (Delta)	
☆ <input type="checkbox"/> 1	Hairs on Margin:	1 = Absent (Fylking)	2 = Present (Nugget)	
☆ <input type="checkbox"/> 1	Margin Roughness (to touch):	1 = Smooth (Delta)	2 = Rough (Sabre)	
<input type="checkbox"/> 1	Hairs on Surface	1 = Absent	2 = Present (Nugget)	
<input type="checkbox"/> 1	Surface Roughness (to touch):	1 = Smooth (Fylking)	2 = Rough (Ram I)	
<input type="checkbox"/> 1	Hairs on both sides just beneath leaf blade (Under collar):		1 = Absent (Merion)	2 = Present (Nuggett)
☆ <input type="checkbox"/> 1	Hairs on Ligule:	1 = Absent (Fylking)	2 = Short (Baron)	3 = Long (Nugget)
<input type="checkbox"/> 1	Glaucosity:	1 = Absent (Mystic, Enmundi)	2 = Present (Birka)	
<input type="checkbox"/> 2	Keel:	1 = Absent (Ram I)	2 = Present (Adelphi)	

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8 PANICLE (Mature plant):

#200400208

<input type="text" value="8"/> <input type="text" value="3"/> <input type="text" value="6"/>	mm Length (Lowest whorl to top, for 10 plants) Test area:	Rathdrum, Idaho.		
<input type="text" value="7"/> <input type="text" value="2"/>	mm Shorter than	☆ <input type="text" value="6"/> 1=Nugget	2=Fylking	3=Delta <i>10=Liberator</i>
	Panicle length same as	☆ <input type="text" value="10"/> 4=Merion	5=Newport	6=Baron <i>11=Touchdown</i>
<input type="text" value="2"/> <input type="text" value="2"/> <input type="text" value="6"/>	mm Longer than	☆ <input type="text" value="1"/> 7=Mystic	8=Sabre	9=Reubens <i>12=AWard</i>
☆ <input type="text" value="2"/>	Color (at 50% flowering):	1 = Not red (Fylking)	2 = Red (Nugget)	
<input type="text" value="2"/>	Shape of Rachis (Opposite lower side of branches):	1 No bend (Nugget)	2 = Bend (Merion)	
☆ <input type="text" value="1"/>	Collar:	1 = Opened (Nugget)	2 = Closed (Merion)	
☆ <input type="text" value="3"/>	Branches Attitude (Lowest whorl):	1 = Dropping (America, Prato)	2 = Horizontal (Merion)	3 = Ascending (Tundra)
<input type="text" value="3"/> <input type="text" value="8"/> <input type="text" value="6"/>	Number of main branches in lowest whorl			
☆ <input type="text" value="2"/>	Panicle Habit:	1 = Nodding (Newport)	2 = Upright (Nugget)	
☆ <input type="text" value="1"/>	Panicle Type:	1 = Open	2 = Intermediate	3 = Compact
<input type="text" value="1"/>	Anther color (anthesis)	1 = Purple	2 = Yellow	3 = Brown

9 Lemma:

☆ <input type="text" value="1"/>	Keel	1 = Galbrous	2 = Slightly pubescent	3 = pubescent
☆ <input type="text" value="1"/>	Marginal Nerves			
<input type="text" value="1"/>	Intermediate Nerves	1 = Distinct	2 = Obscure	
<input type="text" value="2"/>	Basal Webbing	1 = Absent	2 = Scant (Baron)	3 = Copious (Merion)

10. SEED (Floret-not hulled):

☆ <input type="text" value="1"/>	Apomixis Percentage	1 = more than 95	2 = 85 to 95	3 = less than 85
<input type="text" value=""/>	Phenol Reaction	1 = none-lemma removed (Merion)	2 = Beige (Cougar)	3 = Brown (Windsor)
		4 = Black (Mystic 2 hours)	5 = Black ( 24 hours)	
<input type="text" value="0"/> <input type="text" value="6"/> <input type="text" value="7"/>	mm. Width (average of 10)	<input type="text" value="2"/> <input type="text" value="9"/> <input type="text" value="2"/>	mm. Length	
<input type="text" value="3"/> <input type="text" value="6"/> <input type="text" value="0"/> <input type="text" value="0"/>	Milligrams per 10,000 seed			
<input type="text" value="7"/> <input type="text" value="0"/> <input type="text" value="0"/>	Milligrams less than	☆ <input type="text" value="6"/> 1=Nugget	2=Fylking	3=Delta <i>10=Liberator</i>
	Weight same as	☆ <input type="text" value="10"/> 4=Merion	5=Newport	6=Baron <i>11=Touchdown</i>
<input type="text" value="5"/> <input type="text" value="0"/> <input type="text" value="0"/>	Milligrams more than	☆ <input type="text" value="14"/> 7=Reubens	8=Sabre	<i>9=Reubens</i> <i>12=AWard</i>
☆ <input type="text" value="2"/>	Weight Class (g per 10,000 seed):	1 = Light (< 3g Sydsport, Merion)		<i>13=Freedom II</i>
		2 = Medium (3g - 4 g Adelphi, Parade)		<i>14=Blacksburg</i>
		3 = Heavy (> 4g Fylking, Nugget)		

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

<input type="text" value="2"/> Cool Temperature (Winter color)	<input type="text" value="4"/> Cold (injury)	<input type="text" value="3"/> Heat	<input type="text" value="3"/> Drought
<input type="text" value="2"/> Shade	<input type="text" value="3"/> Low Fertility	<input type="text" value="0"/> Acid Soil (<pH. 5.5)	<input type="text" value="0"/> Alkalinity (pH > 7.5)
<input type="text" value="0"/> Salinity	<input type="text" value="0"/> Soil Compaction	<input type="text" value="0"/> Poor Drainage	<input type="text" value="0"/> Air Pollution
			<input type="text" value=""/> Other (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 <i>Drechslera poa</i> ( <i>Helminthosporium vagans</i> )
4	Helminthosporium Leaf spot <i>Bipolaris sorokiniana</i>
3	Brown patch <i>Rhizoctonia solani</i>
3	Powdery mildew <i>Erysiphe graminis</i>
4	Stripe smut <i>Ustilage striiformis</i>
0	Flag Smut <i>Urocystis agropyri</i>
2	Pink Snow Mold <i>Fusarium nivale</i>
3	Ergot <i>Claviceps purpurea</i>
☆ 4	Fusarium blight <i>F. tricinctum</i> , <i>F. roseum</i>
2	Typhula Blight <i>Typhula</i> spp.
3	Dollar spot <i>Sclerotinia homoeocarpa</i>

0	Scerotina Patch <i>S. borealis</i>
2	Stem rust <i>Puccinia graminis</i>
0	Stripe Rust <i>P. striiformis</i> #200400208
3	Leaf Rust <i>P. poa-nemoralis</i>
0	Orange Stripe Rust <i>P. poarum</i>
0	Pythium Blight <i>Pythium</i> spp..
0	Red thread <i>Corticium fusciforme</i>
	Other: _____
	Other: _____

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

0	Chinch Bug <i>Blissus</i> spp. (give species: _____)
0	Sod Webworm <i>Crambus</i> spp. (give species: _____)
3	Bluegrass Billbug <i>Sphenophorus parvulus</i> (give species: _____ Iowa NTEP site _____)
0	White Grub (Japanese Beetle, Chafers. (give species: _____)
0	Greenbug Aphid <i>Schizaphis graminum</i>
	Other: _____
	Other: _____

14. GIVE VARIETY OR VARIETIES THAT MOST CLOSELY RESEMBLE THE APPLICATION VARIETY, For the following characteristics indicate Degree of Resemblance by placing 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	<b>Liberator</b>	2	Leaf width	<b>Baron</b>	2
Height	<b>Freedom II</b>	2	Leaf color spring	<b>Liberator</b>	2
Seed size	<b>Liberator</b>	2	Leaf color summer	<b>Liberator</b>	3
Seed weight	<b>Liberator</b>	2	Leaf color winter	<b>Liberator</b>	2
Cold injury	<b>Liberator</b>	2	Drought	<b>Liberator</b>	2
Heat	<b>Liberator</b>	3	Disease	<b>Liberator</b>	3
Shade	<b>Baron</b>	2	(Leaf spot)		

☆☆Specify each disease evaluated.

15. ADDITIONAL DESCRIPTION:

Describe all character

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**Exhibit 18D****Additional Description of the Variety – ‘EverGlade’ Kentucky bluegrass**

‘EverGlade’ is an elite turf-type cultivar with a medium-late maturity and above average seed yield potential. In the 2000 National Turfgrass Evaluation Program (NTEP) trial for Kentucky bluegrass, it numerically tied for #1 in overall turf quality in the 2002 results.

In spaced plantings, the variety forms “donut-shaped” plants, pre-heading, with more growth at the periphery and less at the center of the plant. Mature field plants are fine textured, upright, and lighter green in color than some of the more intensely dark varieties. Flag leaves of this variety remain green through anthesis, whereas leaves of most other varieties turn brown as they mature. Spread from rhizomes is broad, averaging 44 cm in diameter from one-year’s growth, though not the broadest spread of all varieties. Seed yielding potential is good, and the variety has an earlier maturity than many other Jacklin bluegrasses. Seedhead color is distinctly purple when viewed across a production field. Individual panicles have a greenish color with purplish tips when viewed up close. Culms are medium green with an occasional plant showing somewhat yellow culms. Culms are mostly upright in orientation with little lodging. Only at the edge of a spaced plant do culms appear to be inclined at a 30-degree angle from the vertical. Culms are smooth to the touch and flag leaves are slightly scratchy when felt basipetally. Panicles have horizontal branches at the nodes with an occasional panicle displaying a drooping tip. Lower branches are horizontal or slightly ascending.

EverGlade averages 96% apomictic, with most variants appearing during the heading (boot) stage. Of the heading maturity variants, most are taller growing plants with culms averaging 5 to 10 cm taller than the majority plant form, and a tendency towards a tan seedhead and yellow culm. Variants in the vegetative (pre-heading) stage show color and leaf width differences from the majority plant form; there are a range of culm lengths and leaf textures among these variants. Variant plants have greater susceptibility to stem rust and powdery mildew than the majority plant form. There doesn’t appear to be any “common-type” variants produced by this variety.

EverGlade is a versatile Kentucky bluegrass cultivar, with applications on golf courses, sod farms, sports fields, home lawns, roadsides, cemeteries, and other turf areas, where bluegrass is well adapted. EverGlade performs well in full sun or partial shade.

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Table 1. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Culm length (cm)				Sheath length (cm)				Panicle length (cm)			
	2001	<i>prob.</i>	2002	<i>prob.</i>	2001	<i>prob.</i>	2002	<i>prob.</i>	2001	<i>prob.</i>	2002	<i>prob.</i>
<b>EverGlade</b>	<b>41.2</b>		<b>44.6</b>		<b>10.6</b>		<b>8.8</b>		<b>8.36</b>		<b>7.15</b>	
Award	48.6	0.000	45.6	0.094	11.4	0.001	8.6	0.427	9.21	0.000	7.07	0.538
Awesome	52.2	0.000	48.9	0.000	12.0	0.000	9.3	0.010	9.48	0.000	7.66	0.000
Baron	49.8	0.000	40.2	0.000	12.6	0.000	10.2	0.000	9.08	0.001	7.92	0.000
Barrister	52.1	0.000	49.9	0.000	11.6	0.000	9.6	0.000	8.91	0.003	7.54	0.007
Beyond	48.6	0.000	52.7	0.000	10.4	0.299	9.9	0.000	8.74	0.041	7.84	0.000
Blacksburg	48.1	0.000	47.3	0.001	9.7	0.003	8.1	0.011	7.27	0.000	6.21	0.000
BlueMoon	50.3	0.000	44.6	0.961	12.5	0.000	9.0	0.251	9.45	0.000	7.62	0.008
Chicago II	47.1	0.000	42.7	0.017	10.5	0.654	8.2	0.049	7.78	0.009	6.28	0.000
Everest	50.7	0.000	45.7	0.081	11.8	0.000	9.3	0.005	8.96	0.001	7.57	0.004
Excursion	52.8	0.000	37.0	0.000	11.9	0.000	7.5	0.000	9.47	0.000	6.60	0.000
Freedom II	41.6	0.668	43.6	0.202	9.2	0.000	9.1	0.150	6.98	0.000	6.57	0.001
Freedom III	50.7	0.000	47.4	0.000	12.0	0.000	9.6	0.000	9.59	0.000	7.74	0.000
Glade	43.8	0.003	47.7	0.000	13.6	0.000	10.2	0.000	10.24	0.000	7.65	0.005
Liberator	44.3	0.000	47.5	0.000	10.8	0.542	9.3	0.013	8.59	0.219	7.11	0.753
Midnight	51.1	0.000	50.0	0.000	11.3	0.005	9.5	0.000	9.04	0.000	7.53	0.004
Nu Destiny	48.5	0.000	46.6	0.002	10.7	0.765	9.2	0.054	8.24	0.531	7.32	0.231
Nugget	27.3	0.000	31.4	0.000	8.6	0.000	6.8	0.000	6.10	0.000	5.45	0.000
NuGlade	51.1	0.000	49.8	0.000	12.1	0.000	9.5	0.000	9.09	0.000	7.57	0.001
Perfection	51.8	0.000	43.3	0.043	12.0	0.000	9.0	0.272	9.50	0.000	7.24	0.528
Touchdown	62.6	0.000	55.8	0.000	16.1	0.000	10.9	0.000	12.63	0.000	8.20	0.000
Tsunami	54.3	0.000	49.7	0.000	11.9	0.000	9.8	0.000	9.11	0.000	7.69	0.000

\**Prob.* = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability. Data were analyzed with ANOVA and means were separated with LSD using pair-wise comparisons, based on individual degrees of freedom.

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Table 2. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Flagleaf length (cm)				Flagleaf width (mm)				Flagleaf length-to-width ratio (cm cm <sup>-1</sup> )			
	2001	prob.	2002	prob.	2001	prob.	2002	prob.	2001	prob.	2002	prob.
<b>EverGlade</b>	<b>5.50</b>		<b>3.62</b>		<b>3.77</b>		<b>2.52</b>		<b>14.7</b>		<b>14.7</b>	
Award	6.35	0.000	3.83	0.212	3.99	0.037	2.17	0.000	16.1	0.016	18.8	0.000
Awesome	6.56	0.000	4.14	0.005	3.87	0.418	2.69	0.029	17.3	0.000	15.7	0.159
Baron	5.50	0.994	3.68	0.803	3.51	0.069	3.62	0.000	16.0	0.090	10.9	0.000
Barrister	5.65	0.561	4.03	0.026	3.81	0.717	2.89	0.000	15.3	0.329	14.3	0.612
Beyond	5.66	0.536	4.52	0.000	3.49	0.017	2.68	0.034	16.5	0.006	17.2	0.001
Blacksburg	5.10	0.223	3.36	0.240	4.26	0.001	2.87	0.000	12.2	0.003	11.9	0.003
BlueMoon	6.43	0.004	3.93	0.178	3.85	0.605	2.82	0.002	17.1	0.002	14.1	0.545
Chicago II	4.34	0.000	3.18	0.050	3.88	0.447	2.98	0.000	11.4	0.000	11.0	0.000
Everest	6.13	0.017	3.72	0.618	3.91	0.244	2.87	0.000	15.8	0.090	13.1	0.043
Excursion	6.52	0.000	3.16	0.012	3.96	0.104	2.55	0.703	16.5	0.005	12.8	0.017
Freedom II	3.77	0.000	3.98	0.110	2.98	0.000	2.92	0.000	12.5	0.009	14.0	0.468
Freedom III	6.56	0.000	4.32	0.000	3.80	0.837	2.68	0.046	17.6	0.000	16.4	0.023
Glade	6.61	0.001	3.68	0.799	4.17	0.006	2.64	0.210	16.2	0.053	14.4	0.784
Liberator	6.02	0.050	3.98	0.051	3.60	0.135	2.61	0.259	17.5	0.000	15.4	0.309
Midnight	5.82	0.182	4.53	0.000	3.50	0.012	2.61	0.224	16.8	0.000	17.7	0.000
Nu Destiny	5.39	0.683	3.98	0.054	3.68	0.434	2.68	0.043	14.8	0.812	14.9	0.779
Nugget	3.31	0.000	3.00	0.006	3.31	0.001	2.72	0.036	10.7	0.000	11.9	0.003
NuGlade	6.14	0.008	4.76	0.000	4.28	0.000	2.39	0.062	14.3	0.580	20.7	0.000
Perfection	6.29	0.003	3.93	0.101	3.63	0.244	2.52	0.951	17.4	0.000	15.6	0.246
Touchdown	6.91	0.000	3.57	0.797	4.53	0.000	3.06	0.000	15.8	0.167	12.7	0.037
Tsunami	5.83	0.209	4.38	0.000	3.34	0.000	2.62	0.185	17.7	0.000	17.1	0.001

\*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability. Data were analyzed with ANOVA and means were separated with LSD using pair-wise comparisons, based on individual degrees of freedom.

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Table 3. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Second leaf length (cm)				Second leaf width (mm)				Length-to-width ratio of second subtending leaf (cm cm <sup>-1</sup> )			
	2001	prob.	2002	prob.	2001	prob.	2002	prob.	2001	prob.	2002	prob.
<b>EverGlade</b>	<b>9.49</b>		<b>7.34</b>		<b>4.36</b>		<b>2.56</b>		<b>22.3</b>		<b>29.6</b>	
Award	10.18	0.016	7.58	0.300	4.55	0.069	2.31	0.001	23.0	0.409	35.7	0.000
Awesome	10.61	0.000	8.69	0.000	4.38	0.877	2.92	0.000	24.8	0.005	30.7	0.453
Baron	9.13	0.337	6.03	0.000	3.88	0.001	3.52	0.000	24.7	0.031	18.1	0.000
Barrister	9.73	0.444	7.62	0.266	4.16	0.076	2.92	0.000	24.2	0.033	27.1	0.075
Beyond	9.95	0.143	8.66	0.000	4.29	0.527	2.43	0.133	23.9	0.068	37.8	0.000
Blacksburg	7.73	0.000	6.14	0.000	4.10	0.055	2.53	0.822	19.9	0.024	25.6	0.020
BlueMoon	11.33	0.000	7.23	0.742	4.20	0.221	3.13	0.000	27.6	0.000	24.6	0.004
Chicago II	8.10	0.000	5.23	0.000	4.92	0.000	2.95	0.000	16.9	0.000	18.7	0.000
Everest	10.25	0.014	7.25	0.734	4.34	0.843	2.94	0.000	24.5	0.013	25.3	0.002
Excursion	11.34	0.000	7.13	0.417	4.63	0.021	2.75	0.014	25.1	0.002	27.2	0.086
Freedom II	7.85	0.000	7.25	0.794	3.56	0.000	2.50	0.574	22.4	0.943	30.3	0.671
Freedom III	11.13	0.000	8.66	0.000	4.46	0.385	2.59	0.638	25.7	0.000	35.7	0.000
Glade	9.84	0.367	6.69	0.040	4.89	0.000	2.42	0.154	20.8	0.158	28.6	0.552
Liberator	9.72	0.470	7.88	0.036	4.13	0.037	2.56	0.963	24.0	0.058	32.5	0.040
Midnight	10.13	0.026	8.88	0.000	3.99	0.000	2.67	0.121	26.4	0.000	34.6	0.000
Nu Destiny	9.65	0.619	8.02	0.008	4.25	0.328	2.86	0.000	23.3	0.266	29.1	0.709
Nugget	4.60	0.000	4.71	0.000	3.27	0.000	2.49	0.518	15.3	0.000	21.4	0.000
NuGlade	10.75	0.000	8.70	0.000	5.15	0.000	2.45	0.137	21.1	0.139	36.8	0.000
Perfection	10.89	0.000	7.62	0.267	4.32	0.697	2.60	0.591	26.1	0.000	30.6	0.491
Touchdown	9.96	0.218	5.79	0.000	5.09	0.000	3.58	0.000	20.5	0.095	17.2	0.000
Tsunami	10.05	0.076	8.10	0.003	3.70	0.000	2.55	0.981	28.3	0.000	33.7	0.003

\*Prob. = Probability that the variety mean is not significantly different from the variety listed at the top of the table. For example, a value of 0.050 or less would indicate significance at the 5% level of probability. Data were analyzed with ANOVA and means were separated with LSD using pair-wise comparisons, based on individual degrees of freedom.

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Table 4. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Panicle length of lowest internode (cm)				Panicle length minus the lowest internode (cm)				Internode length below the panicle node (cm)			
	2001	prob.	2002	prob.	2001	prob.	2002	prob.	2001	prob.	2002	prob.
<b>EverGlade</b>	<b>1.88</b>		<b>1.53</b>		<b>6.48</b>		<b>5.63</b>		<b>24.6</b>		<b>19.2</b>	
Award	2.17	0.000	1.61	0.036	7.04	0.000	5.49	0.200	27.6	0.000	22.9	0.000
Awesome	2.36	0.000	1.77	0.000	7.13	0.000	6.03	0.001	28.8	0.000	20.2	0.110
Baron	2.01	0.065	1.58	0.359	7.07	0.003	6.34	0.000	24.4	0.807	21.4	0.005
Barrister	2.10	0.000	1.64	0.014	6.82	0.031	5.90	0.023	30.1	0.000	21.7	0.000
Beyond	2.15	0.000	1.66	0.003	6.61	0.397	6.18	0.000	28.0	0.000	21.6	0.000
Blacksburg	1.68	0.004	1.53	0.907	5.59	0.000	4.83	0.000	30.0	0.000	24.9	0.000
BlueMoon	2.32	0.000	1.69	0.003	7.15	0.001	5.93	0.042	27.7	0.000	22.5	0.000
Chicago II	1.93	0.449	1.41	0.023	5.84	0.001	4.87	0.000	27.5	0.000	23.1	0.000
Everest	2.10	0.000	1.61	0.078	6.86	0.015	5.80	0.157	27.7	0.000	17.5	0.012
Excursion	2.24	0.000	1.47	0.159	7.24	0.000	5.13	0.000	28.6	0.000	18.9	0.717
Freedom II	1.67	0.003	1.48	0.283	5.31	0.000	5.09	0.000	24.7	0.912	22.4	0.000
Freedom III	2.18	0.000	1.67	0.002	7.41	0.000	6.07	0.000	27.4	0.000	18.9	0.721
Glade	2.56	0.000	1.66	0.019	7.68	0.000	5.99	0.013	27.1	0.001	25.2	0.000
Liberator	2.01	0.023	1.57	0.324	6.57	0.558	5.56	0.598	24.0	0.289	22.5	0.000
Midnight	2.23	0.000	1.63	0.009	6.80	0.027	5.89	0.016	27.8	0.000	23.5	0.000
Nu Destiny	1.92	0.534	1.56	0.523	6.33	0.339	5.76	0.258	27.0	0.000	17.9	0.059
Nugget	1.41	0.000	1.25	0.000	4.69	0.000	4.20	0.000	16.5	0.000	21.0	0.019
NuGlade	2.14	0.000	1.61	0.038	6.95	0.001	5.96	0.002	30.1	0.000	21.6	0.000
Perfection	2.39	0.000	1.56	0.447	7.11	0.000	5.68	0.689	28.3	0.000	17.7	0.024
Touchdown	3.13	0.000	1.92	0.000	9.50	0.000	6.28	0.000	29.9	0.000	29.3	0.000
Tsunami	2.19	0.000	1.66	0.002	6.92	0.005	6.03	0.001	29.9	0.000	24.4	0.000

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Table 5. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Branches at lowest panicle whorl				Culm length from panicle node to flagleaf collar (cm)				Culm length from crown to flagleaf node (cm)			
	2001	prob.	2002	prob.	2001	prob.	2002	prob.	2001	prob.	2002	prob.
<b>EverGlade</b>	<b>3.86</b>		<b>3.66</b>		<b>14.0</b>		<b>10.8</b>		<b>8.2</b>		<b>27.0</b>	
Award	4.01	0.160	3.63	0.814	16.2	0.000	14.3	0.000	11.7	0.000	24.2	0.000
Awesome	3.99	0.263	3.92	0.027	16.7	0.000	11.1	0.639	14.0	0.000	30.4	0.000
Baron	4.28	0.004	4.40	0.000	11.9	0.004	11.4	0.458	16.6	0.000	21.1	0.000
Barrister	4.09	0.050	3.83	0.133	18.5	0.000	12.2	0.023	13.0	0.000	30.3	0.000
Beyond	3.76	0.401	3.39	0.022	17.7	0.000	12.5	0.006	11.8	0.000	33.0	0.000
Blacksburg	3.32	0.000	3.48	0.220	20.3	0.000	17.2	0.000	11.0	0.001	24.3	0.003
BlueMoon	3.88	0.864	3.68	0.861	15.2	0.104	13.7	0.000	13.4	0.000	23.5	0.000
Chicago II	4.18	0.026	4.33	0.000	17.1	0.000	14.8	0.000	11.7	0.000	21.6	0.000
Everest	4.05	0.107	3.85	0.100	15.9	0.001	9.3	0.011	14.1	0.000	30.0	0.000
Excursion	4.13	0.021	3.73	0.567	16.8	0.000	11.6	0.202	14.7	0.000	19.0	0.000
Freedom II	4.48	0.000	4.30	0.000	15.5	0.031	13.7	0.000	9.9	0.042	23.8	0.000
Freedom III	4.13	0.021	3.78	0.283	15.4	0.019	10.7	0.776	13.7	0.000	30.3	0.000
Glade	3.75	0.457	3.55	0.447	13.5	0.518	15.0	0.000	6.4	0.030	25.0	0.031
Liberator	3.72	0.263	3.66	1.000	13.2	0.162	13.4	0.000	11.7	0.000	27.0	0.972
Midnight	3.92	0.591	3.52	0.200	16.5	0.000	14.2	0.000	14.2	0.000	28.5	0.034
Nu Destiny	3.94	0.484	3.74	0.474	16.3	0.000	9.5	0.019	13.3	0.000	30.5	0.000
Nugget	2.92	0.000	2.60	0.000	7.9	0.000	14.2	0.000	4.6	0.000	11.7	0.000
NuGlade	4.09	0.034	3.60	0.583	18.0	0.000	12.9	0.000	12.0	0.000	30.1	0.000
Perfection	4.13	0.025	3.76	0.382	16.3	0.000	9.8	0.080	14.0	0.000	27.3	0.671
Touchdown	3.75	0.457	3.43	0.115	13.8	0.797	18.4	0.000	20.1	0.000	29.2	0.020
Tsunami	3.94	0.484	3.79	0.252	18.0	0.000	14.7	0.000	15.3	0.000	27.6	0.466

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Table 6. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Panicle fresh weight (g/10 panicles)				Seed length (mm)				Seed width (mm)			
	2001	prob.	2002	prob.	2001	prob.	2002	prob.	2001	prob.	2002	prob.
<b>EverGlade</b>	<b>1.45</b>		<b>0.66</b>		<b>2.92</b>		<b>2.79</b>		<b>0.67</b>		<b>0.64</b>	
Award	1.21	0.005	0.77	0.059	2.94	0.642	2.81	0.557	0.67	0.995	0.67	0.002
Awesome	1.77	0.000	0.75	0.176	3.07	0.000	2.75	0.293	0.70	0.002	0.63	0.279
Baron	1.92	0.000	1.49	0.000	2.87	0.276	2.82	0.531	0.70	0.004	0.75	0.000
Barrister	1.37	0.334	0.72	0.316	3.05	0.001	2.80	0.890	0.72	0.000	0.66	0.073
Beyond	1.59	0.105	0.78	0.060	2.89	0.434	2.84	0.133	0.68	0.477	0.69	0.000
Blacksburg	2.08	0.000	0.70	0.640	2.45	0.000	2.47	0.000	0.68	0.200	0.66	0.118
BlueMoon	1.78	0.000	1.11	0.000	2.84	0.101	2.59	0.000	0.63	0.006	0.60	0.003
Chicago II	1.66	0.014	0.96	0.000	3.02	0.030	3.03	0.000	0.74	0.000	0.76	0.000
Everest	1.36	0.285	0.66	0.962	2.76	0.000	2.67	0.001	0.65	0.057	0.66	0.232
Excursion	1.86	0.000	0.67	0.872	3.00	0.031	2.77	0.641	0.71	0.000	0.67	0.014
Freedom II	1.23	0.012	0.81	0.055	3.02	0.025	2.82	0.577	0.69	0.083	0.66	0.150
Freedom III	1.62	0.048	0.76	0.129	3.01	0.012	2.84	0.190	0.70	0.009	0.66	0.168
Glade	1.60	0.082	0.81	0.044	3.10	0.000	2.83	0.400	0.72	0.000	0.68	0.014
Liberator	1.28	0.045	0.69	0.616	2.96	0.270	2.78	0.766	0.67	0.612	0.66	0.096
Midnight	1.79	0.000	0.77	0.047	2.95	0.368	2.81	0.626	0.70	0.000	0.67	0.010
Nu Destiny	1.43	0.832	0.58	0.188	2.98	0.094	2.79	0.959	0.70	0.005	0.66	0.128
Nugget	1.20	0.003	0.78	0.106	3.28	0.000	3.22	0.000	0.79	0.000	0.74	0.000
NuGlade	1.67	0.013	0.57	0.091	2.90	0.585	2.99	0.000	0.66	0.693	0.70	0.000
Perfection	1.40	0.551	0.77	0.083	3.05	0.001	2.73	0.072	0.70	0.000	0.64	0.602
Touchdown	2.57	0.000	0.92	0.001	2.91	0.875	2.71	0.060	0.73	0.000	0.68	0.002
Tsunami	1.42	0.715	0.74	0.183	2.92	0.960	2.83	0.328	0.70	0.002	0.67	0.020

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Table 7. Morphological characteristics of Kentucky bluegrass (*Poa pratensis* L.) cultivars at reproductive maturity, near Rathdrum, ID, in 2001 and 2002.

Variety	Seed length-to-width ratio (cm cm <sup>-1</sup> )				Seed weight per 100 seeds (g)				per lb.
	2001	<i>prob.</i>	2002	<i>prob.</i>	2001	<i>prob.</i>	2002	<i>prob.</i>	2002
<b>EverGlade</b>	<b>4.39</b>		<b>4.40</b>		<b>0.036</b>		<b>0.030</b>		<b>1521011</b>
Alexa	4.33	0.270	4.30	0.164	0.036	0.771	0.031	0.637	1491231
Award	4.42	0.570	4.22	0.005	0.037	0.390	0.029	0.541	1572719
Awesome	4.40	0.837	4.43	0.677	0.039	0.008	0.031	0.652	1490932
Baron	4.09	0.000	3.76	0.000	0.043	0.000	0.037	0.000	1255522
Barrister	4.25	0.010	4.27	0.062	0.041	0.000	0.030	0.965	1520660
Beyond	4.30	0.116	4.16	0.001	0.040	0.001	0.032	0.105	1432055
Blacksburg	3.61	0.000	3.75	0.000	0.031	0.000	0.029	0.364	1583725
BlueMoon	4.50	0.101	4.38	0.791	0.037	0.476	0.027	0.025	1697796
Chicago II	4.12	0.000	4.01	0.000	0.045	0.000	0.039	0.000	1164953
Everest	4.28	0.041	4.11	0.000	0.033	0.006	0.026	0.001	1757593
Excursion	4.25	0.010	4.19	0.003	0.041	0.000	0.030	0.789	1506863
Freedom II	4.41	0.753	4.30	0.246	0.036	0.991	0.030	1.000	1514993
Freedom III	4.37	0.705	4.35	0.528	0.038	0.036	0.031	0.243	1450581
Glade	4.37	0.761	4.21	0.032	0.040	0.002	0.035	0.001	1313379
Liberator	4.42	0.611	4.25	0.042	0.036	0.760	0.030	0.944	1513432
Midnight	4.24	0.004	4.24	0.014	0.041	0.000	0.034	0.001	1356653
Nu Destiny	4.31	0.133	4.27	0.064	0.036	0.722	0.030	0.709	1535811
Nugget	4.25	0.035	4.37	0.716	0.044	0.000	0.042	0.000	1096692
NuGlade	4.40	0.901	4.31	0.153	0.038	0.118	0.029	0.232	1604447
Perfection	4.35	0.418	4.32	0.267	0.041	0.000	0.031	0.264	1458034
Touchdown	4.04	0.000	3.99	0.000	0.038	0.110	0.034	0.006	1332195
Tsunami	4.20	0.001	4.27	0.073	0.041	0.000	0.032	0.080	1430588

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Table 8. Reproductive maturity of Kentucky bluegrass (*Poa pratensis* L.) cultivars, near Rathdrum, ID, in 2001 and 2002.

Variety	Reproductive maturity rating, 31 May (1-9 scale, 9=early)				Reproductive maturity rating, 7 June (1-9 scale, 9=early)			
	2001	prob.	2002	prob.	2001	prob.	2002	prob.
<b>EverGlade</b>	<b>6.4</b>		<b>5.4</b>		<b>5.6</b>		<b>5.7</b>	
Award	5.4	0.014	2.9	0.000	6.8	0.003	4.6	0.010
Awesome	6.1	0.413	4.4	0.074	6.6	0.015	5.7	1.000
Baron	7.9	0.000	7.9	0.000	8.3	0.000	8.3	0.000
Barrister	6.0	0.275	5.0	0.426	6.8	0.003	6.6	0.040
Beyond	6.1	0.413	4.9	0.320	6.7	0.007	6.4	0.072
Blacksburg	8.0	0.000	7.7	0.000	6.9	0.001	8.2	0.000
BlueMoon	4.9	0.000	3.3	0.000	6.7	0.007	4.4	0.005
Chicago II	7.0	0.173	6.4	0.074	7.0	0.000	8.0	0.000
Everest	5.7	0.057	3.0	0.000	6.4	0.030	4.4	0.005
Excursion	5.4	0.014	3.7	0.002	6.0	0.277	6.2	0.198
Freedom II	6.8	0.413	6.8	0.017	7.7	0.000	8.0	0.000
Freedom III	6.1	0.413	4.9	0.320	5.9	0.414	6.4	0.072
Glade	5.6	0.029	6.2	0.164	7.0	0.000	8.0	0.000
Liberator	6.2	0.585	4.0	0.010	6.3	0.057	6.2	0.198
Midnight	5.8	0.102	4.1	0.017	5.9	0.414	6.0	0.440
Nu Destiny	6.0	0.275	4.2	0.029	6.6	0.015	5.9	0.606
Nugget	8.0	0.000	8.0	0.000	7.3	0.000	8.0	0.000
NuGlade	6.2	0.585	5.0	0.426	7.2	0.000	6.1	0.303
Perfection	5.6	0.029	4.6	0.112	6.9	0.001	6.4	0.072
Touchdown	9.0	0.000	9.0	0.000	9.0	0.000	9.0	0.000
Tsunami	6.1	0.413	3.3	0.000	6.7	0.007	5.3	0.440

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Table 9. 2000 NTEP, 2002 data

TABLE 2. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE B" \*  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL2	KY1	MN1	MO1	NC1	NE2	NJ2	OK1	PA1	RI1	VA1	WA1	WA3	WY1	MEAN
EVERGLADE	5.9	6.8	7.9	6.0	5.6	5.7	6.3	6.1	6.7	7.8	7.7	5.5	7.1	4.9	5.8	6.4
J-2890	6.5	6.4	7.8	6.0	5.5	5.2	6.1	6.2	6.8	7.7	7.9	5.3	6.9	5.1	5.5	6.3
MIDNIGHT II (A98-739)	6.8	6.3	7.8	6.3	5.0	5.6	6.4	6.1	6.9	8.3	7.6	4.7	7.3	3.9	5.3	6.3
BARRISTER (J-1655)	6.8	6.8	8.2	6.3	5.5	5.4	6.4	6.2	6.7	7.4	7.1	5.3	6.8	3.9	5.0	6.3
J-1513	5.8	6.3	8.1	6.2	5.7	5.1	5.7	5.7	6.9	7.7	7.7	4.9	7.2	4.6	5.5	6.2
NU DESTINY (J-2695)	5.9	6.6	8.5	6.1	5.5	5.0	6.2	6.4	6.8	6.9	7.8	4.7	6.8	4.1	5.3	6.2
BLUESTONE (PST-731)	6.7	6.6	6.8	6.0	5.7	5.9	7.1	5.6	7.0	7.6	7.2	4.1	7.0	4.4	5.0	6.2
ARCADIA	7.1	6.7	6.6	6.0	5.4	5.8	6.7	6.3	6.4	7.7	7.1	4.3	7.0	4.3	5.0	6.2
PERFECTION (J-1515)	5.4	6.7	6.4	6.1	5.8	5.3	6.0	6.0	7.2	7.5	7.3	5.8	7.0	4.6	4.8	6.1
AWESOME (J-1420)	6.3	6.6	7.7	6.3	5.0	5.2	6.2	5.8	6.8	7.9	7.3	4.9	6.6	4.5	5.0	6.1
IMPACT	5.5	5.7	6.7	6.2	5.4	5.4	6.8	6.7	7.0	7.6	7.7	4.7	7.3	4.2	5.3	6.1
GINNEY (J-1368)	6.6	6.6	6.7	6.1	5.3	5.2	6.2	6.0	6.9	8.1	7.1	4.8	6.9	4.3	5.5	6.1
UNKNOWN	6.8	6.6	5.5	6.5	5.3	5.3	6.0	6.6	6.9	7.6	7.2	5.1	6.7	4.2	5.5	6.1
AWARD	5.9	6.1	6.9	6.2	5.3	5.3	6.8	5.9	6.9	7.8	7.3	4.5	7.0	4.3	5.2	6.1
TSUNAMI (J-2487)	7.2	6.6	7.7	6.1	5.3	4.8	5.7	5.7	6.9	7.0	7.3	4.5	6.9	4.3	5.3	6.1
A97-1715	6.3	6.1	7.5	5.9	5.0	6.2	6.1	5.8	6.5	6.9	7.3	4.9	6.5	4.6	5.3	6.1
J-2561	6.4	6.3	6.8	5.7	5.7	4.8	6.5	5.8	7.1	7.2	7.3	4.9	6.7	4.4	5.3	6.1
J-1838	6.5	5.8	7.2	6.2	5.6	4.7	5.5	5.9	6.9	7.2	7.2	4.3	7.1	4.6	6.2	6.1
RUGBY II	6.4	5.8	7.0	6.2	5.3	5.0	6.6	5.6	6.9	7.6	7.3	4.6	7.0	4.5	5.0	6.0
QUANTUM LEAP	6.3	6.9	6.8	5.9	5.2	5.3	6.2	6.1	7.0	7.3	7.1	4.2	6.8	4.5	5.0	6.0
ODYSSEY	6.1	6.6	6.3	6.0	5.2	5.4	6.1	5.9	7.1	7.7	7.7	3.9	6.6	4.2	5.7	6.0
LIBERATOR	6.3	5.1	6.6	6.1	5.3	5.6	5.5	5.6	6.8	7.5	7.6	5.2	6.8	4.4	6.2	6.0
EVEREST	5.8	6.0	7.1	6.0	5.6	5.1	6.4	5.4	6.9	7.5	7.3	5.1	6.7	4.3	5.2	6.0
TOTAL ECLIPSE	5.7	6.7	6.5	6.0	5.3	4.7	5.9	5.9	7.1	7.7	7.2	5.1	7.0	4.3	5.3	6.0
MOON SHADOW (PICK 113-3)	6.3	6.6	6.9	6.0	5.0	5.6	5.3	5.9	6.5	7.6	7.0	4.8	7.1	4.5	5.0	6.0
MIDNIGHT	6.0	6.2	6.4	5.9	5.4	6.0	5.8	6.3	6.8	6.7	7.1	3.9	7.0	4.6	5.7	6.0
BAR PP 0573	7.7	5.1	6.3	6.0	5.1	5.6	6.0	5.2	6.6	7.2	7.7	5.4	6.4	4.0	5.5	6.0
BEYOND (J-1880)	5.9	6.7	6.4	6.1	5.3	4.9	6.4	6.3	6.9	6.9	7.2	5.0	6.6	4.1	4.8	6.0
PRO SEEDS - 453	6.3	5.9	7.8	6.0	4.6	5.1	5.8	5.6	5.8	7.7	7.9	5.2	6.4	4.2	4.7	5.9
CABERNET	6.7	7.0	7.0	6.1	4.7	5.6	6.1	5.6	6.5	6.3	7.8	5.0	5.7	4.5	4.3	5.9
J-2885	5.7	6.2	7.1	5.9	5.2	4.9	6.9	5.3	7.0	7.7	7.2	4.2	6.6	4.1	4.8	5.9
ARROW (A97-1567)	6.6	6.1	6.9	6.1	5.0	5.5	5.4	5.1	6.8	7.5	7.2	4.9	6.2	4.3	5.2	5.9
BA 82-288	6.7	6.3	6.7	5.9	4.8	5.6	6.0	5.5	6.5	6.6	7.7	4.5	6.2	4.1	5.5	5.9
EXCURSION (J-1648)	5.6	6.7	7.2	6.0	5.0	5.1	6.4	5.7	6.7	6.3	7.1	5.0	6.8	4.5	4.7	5.9
RITA	6.8	6.1	6.7	6.2	4.8	5.2	5.8	5.0	6.8	6.3	7.9	5.3	6.4	4.0	5.2	5.9
PST-161	6.5	7.0	7.0	6.2	4.7	5.4	5.7	5.0	6.4	6.8	7.0	5.4	5.6	4.2	5.3	5.9
SR 2284 (SRX 2284)	6.6	6.1	6.9	6.1	4.6	4.7	5.9	5.6	5.8	7.5	7.0	5.1	6.5	4.9	4.8	5.9
BEDAZZLED	7.1	5.7	5.9	6.0	5.1	5.4	6.0	5.3	6.0	7.6	7.6	4.8	6.9	3.9	4.8	5.9
NUGLADE	5.9	5.2	6.6	6.1	5.3	4.7	6.7	5.5	6.6	7.0	7.7	4.3	6.7	4.8	5.0	5.9
MALLARD (A97-1439)	6.2	6.8	6.6	6.0	4.9	4.8	5.6	4.7	6.6	7.4	7.6	4.9	6.3	4.1	5.5	5.9
BLUEMAX (PST-B5-89)	6.4	6.1	6.5	5.5	4.8	4.6	5.2	4.9	6.2	7.3	7.9	5.8	6.8	4.3	5.5	5.9
FREEDOM II	6.3	5.7	6.1	5.8	5.1	5.5	6.4	6.4	6.8	6.9	6.9	3.6	6.7	4.4	5.2	5.9
ROYCE (A98-304)	5.9	6.2	6.5	5.8	4.9	5.1	6.0	4.9	6.8	8.2	7.8	4.9	5.9	3.9	5.0	5.8
A97-1330	6.1	5.7	6.8	6.0	5.0	5.0	5.6	5.3	6.7	8.2	7.9	5.3	6.1	3.3	5.0	5.8
A97-1432	7.1	6.3	7.1	6.3	4.9	4.6	5.4	5.4	6.7	7.2	6.2	4.5	6.9	4.4	5.0	5.8
BAR PP 0471	5.9	5.7	6.1	5.8	4.7	5.0	7.0	5.3	6.4	7.3	7.4	5.8	6.0	3.6	5.5	5.8

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TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE B" \*  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL2	KY1	MN1	MO1	NC1	NE2	NJ2	OK1	PA1	RI1	VA1	WA1	WA3	WY1	MEAN
1B7-308	5.6	6.2	7.3	5.7	4.8	4.1	5.6	5.5	5.8	7.3	7.0	5.3	6.9	4.4	6.3	5.8
A98-365	6.3	5.8	6.9	5.8	4.7	4.7	6.1	5.0	6.7	6.9	7.9	5.7	6.0	3.5	5.3	5.8
BAR PP 0566	7.1	6.5	6.0	6.0	5.0	5.5	5.9	4.9	6.3	6.9	7.1	4.8	6.2	3.6	5.5	5.8
BARONETTE (BA 81-058)	6.6	6.7	6.0	5.9	5.0	4.2	6.2	5.3	6.4	7.4	7.6	4.9	6.6	3.9	4.8	5.8
MOONLIGHT	6.0	5.5	6.9	5.8	5.3	4.6	4.9	5.8	5.7	7.3	7.1	4.8	7.6	4.2	5.7	5.8
BLACKSTONE	6.6	6.5	7.0	5.9	5.2	4.8	5.5	5.5	6.1	6.1	6.9	4.4	6.5	5.1	5.3	5.8
BA 00-6001	6.9	5.8	6.9	5.7	5.1	5.3	5.9	4.8	6.5	6.9	7.7	5.7	6.6	2.9	4.5	5.8
BRILLIANT	6.2	6.0	6.2	5.9	4.8	4.6	6.0	4.8	6.6	7.8	7.4	5.9	6.3	3.6	5.0	5.8
LANGARA	6.6	6.4	6.0	6.3	4.6	4.3	5.5	5.4	6.7	7.6	7.4	4.1	6.5	4.4	5.2	5.8
CHAMPLAIN (A98-1275)	6.3	5.5	6.0	6.1	4.8	4.1	6.4	6.0	6.9	6.6	7.1	5.1	6.0	4.8	5.2	5.8
BLACKSBURG II (PST-1BMY)	6.7	6.8	6.9	6.0	4.8	4.6	6.3	4.6	6.7	6.2	7.2	5.1	5.9	3.7	5.3	5.8
AVALANCHE (PST-1701)	6.4	6.0	5.9	6.2	4.4	4.9	5.6	6.2	6.7	6.6	7.8	4.3	5.3	5.2	5.2	5.8
VOYAGER II (PST-1QG-27)	5.9	5.3	6.3	5.7	5.3	4.8	6.1	4.9	6.1	7.2	7.7	6.1	6.3	3.9	5.0	5.8
SHOWCASE	6.6	5.5	6.2	5.5	5.1	5.0	5.9	5.1	6.1	7.9	7.7	5.2	6.2	3.3	5.2	5.8
PST-H6-150	6.1	5.5	6.3	5.8	4.9	5.0	5.9	4.8	6.6	8.6	7.6	4.8	6.1	3.0	5.3	5.8
DLF 76-9037	6.1	5.7	6.5	5.8	4.8	5.4	5.7	4.8	6.7	7.4	8.2	4.9	6.1	3.4	5.0	5.8
SONOMA	6.4	5.9	6.1	6.0	4.3	4.6	6.1	5.5	5.3	7.2	7.7	4.8	6.5	4.3	5.7	5.8
BAR PP 0468	6.2	5.7	6.6	5.7	5.0	5.2	5.6	4.9	5.5	8.1	7.8	5.5	5.7	3.7	5.2	5.8
H92-203	6.2	5.9	6.1	6.1	4.5	5.3	6.1	4.9	6.6	6.6	8.2	4.7	6.0	3.7	5.5	5.7
CHAMPAGNE	6.7	4.9	6.3	6.0	4.3	5.0	6.6	4.8	6.0	6.7	7.2	4.9	5.4	5.6	5.7	5.7
HV 238	6.1	6.1	6.0	6.0	5.3	4.9	6.3	4.7	6.9	7.1	7.1	4.2	5.8	4.2	5.3	5.7
PST-108-79	6.6	6.3	5.9	5.6	4.7	4.5	5.7	5.8	6.1	6.7	7.3	4.8	6.5	3.8	5.7	5.7
ASCOT	6.9	5.9	5.3	5.8	4.9	4.4	6.1	6.1	6.0	8.2	7.3	3.6	6.3	3.4	5.7	5.7
GOLDSTAR (A98-296)	6.3	6.3	6.1	6.2	4.5	4.8	5.6	4.4	6.1	7.5	7.1	4.9	6.3	4.2	5.5	5.7
B3-171	6.4	5.5	6.4	5.8	4.4	5.2	5.7	5.0	6.5	7.9	7.9	4.4	5.7	3.7	5.2	5.7
UNIQUE	6.0	5.7	7.0	5.7	4.8	4.8	5.8	5.1	6.5	7.3	7.3	4.8	6.0	3.4	5.3	5.7
B3-185	6.1	5.7	6.4	5.9	4.5	5.2	5.6	5.1	6.7	7.3	7.7	5.5	6.0	3.6	4.3	5.7
A96-427	6.4	5.8	5.8	5.8	5.0	4.7	6.0	4.6	5.5	7.9	7.6	4.9	6.2	4.6	4.7	5.7
CHICAGO II	6.8	6.2	5.3	6.0	5.1	4.5	6.6	5.3	6.4	6.8	6.3	3.8	7.2	4.2	5.0	5.7
BA 83-113	6.7	5.9	6.1	6.0	4.8	5.2	5.3	4.4	7.2	6.7	7.3	4.9	6.1	3.1	5.7	5.7
NORTH STAR	6.6	5.7	6.5	6.0	4.8	4.0	5.4	5.8	6.2	6.4	7.1	3.7	6.2	4.5	6.3	5.7
APOLLO	5.4	5.3	7.1	5.9	4.4	5.0	5.2	5.0	6.4	7.8	7.8	4.7	6.1	3.8	5.2	5.7
SI A96-386	6.7	6.3	6.1	5.7	4.2	5.2	5.8	4.6	5.9	7.9	6.9	4.3	6.3	4.2	5.0	5.7
BARIRIS	6.1	5.7	6.1	5.9	5.3	4.5	6.0	5.3	6.5	6.3	7.1	3.9	6.3	4.6	5.5	5.7
ALPINE	6.2	5.1	6.0	6.0	4.1	4.8	6.3	6.0	6.2	7.7	7.1	3.7	6.0	4.1	5.5	5.7
PRINCETON 105	6.1	4.9	5.7	6.0	4.7	4.5	5.8	5.8	7.0	6.5	7.3	4.4	6.3	4.4	5.3	5.7
GLENMONT (H94-293)	5.8	5.4	5.6	6.0	5.4	3.7	6.4	4.6	5.8	7.9	7.4	4.0	6.8	4.2	5.7	5.6
LAKESHORE (A93-200)	6.6	5.4	6.3	5.6	4.9	4.6	5.8	5.0	5.8	7.3	7.0	4.3	6.2	4.9	5.0	5.6
RAMBO	5.9	4.8	6.2	5.9	4.3	5.7	6.1	4.9	6.6	6.7	7.1	4.6	6.3	3.9	5.5	5.6
A98-183	6.3	5.9	6.4	5.7	4.7	4.9	4.8	4.8	6.3	6.8	6.9	4.0	6.4	4.6	6.0	5.6
BOUTIQUE	6.5	6.0	6.2	6.0	4.9	4.1	5.8	5.0	5.8	7.3	6.6	4.3	6.4	4.2	5.2	5.6
PST-B5-125	5.8	6.0	6.6	6.2	5.2	4.4	5.2	5.0	6.2	7.4	6.8	3.9	6.5	3.3	5.7	5.6
PICK 417	6.8	5.7	6.3	5.9	4.7	3.7	5.9	5.4	5.8	7.3	6.7	3.5	6.0	4.7	5.8	5.6
ROYALE (A97-1336)	6.2	4.8	6.0	5.7	4.6	4.1	5.6	5.2	5.0	8.3	7.2	4.5	7.0	4.5	5.3	5.6
PICK 453	6.0	6.0	6.0	5.8	4.9	4.5	5.9	5.0	6.2	7.1	6.4	4.3	5.6	4.2	5.8	5.6
WILDWOOD	6.8	5.7	5.8	6.0	4.7	3.4	5.7	5.2	6.7	6.8	7.0	4.1	6.2	4.1	5.7	5.6
PST-1804	6.3	5.9	5.9	6.0	4.8	4.7	5.0	4.7	6.0	7.7	6.4	4.5	5.7	4.8	5.2	5.6

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TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE B" \*  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL2	KY1	MN1	MO1	NC1	NE2	NJ2	OK1	PA1	RI1	VA1	WA1	WA3	WY1	MEAN
A98-1028	6.3	5.4	6.5	6.0	4.7	4.3	6.0	5.3	5.9	7.0	6.3	4.1	5.5	4.8	5.2	5.6
MERCURY (PICK-232)	6.2	5.9	6.6	6.0	4.8	5.2	5.2	4.4	6.5	6.6	7.0	4.7	6.1	2.8	5.2	5.5
SERENE	6.7	5.6	6.4	6.2	5.4	3.9	4.9	4.9	5.2	7.1	7.0	4.2	6.0	4.4	5.3	5.5
PST-B4-246	6.1	5.9	5.7	6.0	5.0	4.3	5.9	4.5	6.1	6.9	7.3	3.9	5.9	3.8	5.7	5.5
A97-1409	6.9	5.0	7.0	5.9	4.5	3.9	6.2	5.0	5.2	7.1	7.3	4.4	6.0	3.6	5.0	5.5
SRX 2114	6.4	5.8	5.4	6.3	4.8	4.8	5.2	5.0	5.9	7.0	7.2	4.2	5.9	4.3	4.8	5.5
EAGLETON	5.9	6.3	6.2	5.8	5.0	4.9	6.1	4.3	6.6	5.9	7.4	3.9	5.3	4.1	5.2	5.5
JEFFERSON	6.6	5.8	6.2	5.9	4.6	4.6	6.1	4.8	6.4	6.2	7.3	4.4	5.0	4.3	4.5	5.5
PP H 6370	5.7	5.4	6.6	5.8	4.8	4.9	5.4	4.3	6.4	6.6	6.9	3.9	5.6	4.9	5.5	5.5
SRX 2394	6.1	4.7	5.5	6.1	4.7	3.8	6.2	5.5	5.1	7.8	6.9	3.5	6.3	4.8	5.7	5.5
HALLMARK	6.4	5.6	5.7	6.0	4.6	3.7	5.7	5.1	6.2	7.1	7.2	3.9	5.8	4.1	5.3	5.5
LIMOUSINE	6.1	5.2	5.9	5.9	4.2	4.5	6.1	4.9	6.2	7.2	7.2	3.5	5.4	4.9	5.3	5.5
BLUE RIDGE (A97-1449)	6.4	5.6	6.3	6.0	4.8	4.1	5.3	4.8	5.0	7.7	6.7	4.0	6.0	4.7	5.0	5.5
PST-YORK HARBOR 4	6.6	6.1	6.4	6.1	4.8	3.8	5.1	4.6	6.1	6.6	6.6	4.0	6.0	4.0	5.7	5.5
PST-B3-170	6.4	5.1	5.4	5.8	5.1	4.4	5.7	5.0	6.0	6.2	7.3	3.9	6.1	4.0	5.7	5.5
BARTITIA	6.4	5.1	5.8	5.7	4.8	4.2	5.9	5.6	5.3	6.9	7.4	3.5	6.1	4.5	5.0	5.5
SHAMROCK	6.5	5.1	5.8	6.0	4.8	4.0	6.5	4.5	4.9	7.6	5.9	3.8	6.1	5.4	5.2	5.5
BROOKLAWN	5.9	5.1	5.8	6.1	4.7	4.3	5.7	4.7	5.8	7.1	6.8	3.9	6.1	5.1	5.2	5.5
H92-558	6.9	6.0	5.5	5.9	5.2	3.6	5.6	4.7	6.3	6.8	6.4	3.6	5.9	4.6	5.0	5.5
CHELSEA	6.4	5.3	5.2	5.9	4.5	4.4	5.7	5.1	5.8	7.5	7.3	3.8	5.8	4.5	5.0	5.5
JULIA	5.8	5.3	5.5	5.8	4.5	4.4	5.4	5.3	6.5	6.4	7.1	3.8	5.5	5.3	5.3	5.5
BH 00-6003	6.2	6.4	7.0	5.4	4.2	4.9	4.4	4.2	6.8	6.1	7.2	4.4	6.1	3.5	5.2	5.5
A96-739	6.2	6.4	6.9	5.7	4.7	4.6	5.3	4.4	5.9	6.4	6.3	4.0	6.1	3.6	5.3	5.5
BARITONE	5.6	5.2	5.1	5.9	5.0	4.0	5.7	5.2	6.3	6.9	7.3	4.1	5.7	4.3	5.5	5.5
CHATEAU	6.2	5.1	5.4	5.9	4.9	4.0	5.9	5.1	6.2	7.1	7.1	3.7	5.7	4.1	5.3	5.4
SRX 26351	6.1	5.5	4.4	5.9	4.3	4.4	6.1	6.2	5.8	6.5	7.2	3.6	6.0	3.9	5.7	5.4
RAVEN	6.3	5.2	5.3	5.8	4.9	4.2	5.3	4.9	5.8	6.3	7.3	5.3	5.9	3.5	5.7	5.4
DLF 76-9032	6.4	6.0	4.5	5.8	5.2	4.6	5.1	4.7	6.9	7.2	7.7	3.6	6.0	3.3	4.5	5.4
MONTE CARLO (A96-402)	6.5	5.5	5.3	6.0	4.7	4.3	5.4	4.5	5.6	6.3	7.6	4.7	6.5	3.6	5.0	5.4
DLF 76-9036	6.4	5.7	5.8	6.0	4.5	4.5	5.1	4.8	5.7	7.2	7.6	4.2	5.4	3.6	4.7	5.4
B4-128A	5.7	4.6	5.8	5.7	4.7	4.5	5.7	5.5	6.7	6.2	7.2	4.3	4.9	4.8	5.0	5.4
ALLURE	6.6	5.1	6.2	5.9	5.1	4.0	5.6	4.8	5.5	6.6	7.4	3.6	6.0	3.9	4.7	5.4
HV 140	5.8	5.4	5.9	5.6	4.6	4.4	5.1	5.0	6.4	6.0	7.0	3.9	6.5	3.5	5.8	5.4
GOLDRUSH	6.2	4.8	6.0	5.6	4.9	4.3	5.2	4.8	5.9	7.2	7.3	4.3	5.8	3.4	5.0	5.4
A98-139	6.4	6.3	5.5	5.6	4.3	4.8	5.8	4.4	6.5	5.8	6.8	4.5	5.5	3.8	4.7	5.4
MARQUIS	6.1	4.9	6.2	5.7	4.3	4.0	5.8	4.9	5.8	6.8	7.4	4.5	5.9	3.9	4.5	5.4
LIMERICK	6.3	4.6	6.1	5.6	4.4	4.1	5.2	4.7	6.5	7.1	7.4	4.2	5.6	4.2	4.7	5.4
A96-451	5.7	5.9	6.0	6.1	4.5	3.8	5.4	4.8	5.6	6.8	7.2	4.1	5.7	4.0	5.0	5.4
ENVICTA	6.0	4.6	5.4	6.0	5.0	4.6	5.3	5.3	6.1	6.1	7.2	4.6	5.7	3.6	5.2	5.4
MISTY	6.3	4.3	5.3	6.0	4.8	4.3	5.2	4.3	5.7	6.8	7.8	4.0	6.1	3.8	5.8	5.4
BARONIE	6.2	4.8	5.8	6.0	4.5	4.8	5.6	4.4	6.1	6.8	7.3	4.6	5.5	2.9	5.2	5.4
BORDEAUX	6.3	4.4	5.5	6.0	4.5	4.2	5.3	4.8	6.0	6.7	6.9	4.7	6.3	3.3	5.7	5.4
BARZAN	6.2	4.8	5.3	5.7	4.5	4.0	5.9	5.0	6.4	6.5	7.2	3.4	5.8	3.9	5.8	5.4
PST-H5-35	5.9	5.9	5.7	5.8	5.2	3.7	6.1	4.8	5.8	7.3	5.8	3.2	6.6	3.1	5.3	5.3
A98-881	6.5	4.2	6.0	6.1	4.5	3.5	5.9	5.1	4.5	7.7	6.8	4.2	5.6	5.0	4.5	5.3
PST-604	5.8	5.5	5.4	5.6	4.4	4.8	5.4	4.1	5.5	6.3	7.2	5.3	6.4	3.2	5.3	5.3
JEWEL	6.1	5.8	6.1	6.0	4.4	4.9	5.8	4.9	6.2	5.3	6.9	4.5	4.9	3.3	5.2	5.3

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Table 9.

TABLE 2. (CONT'D)

MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT FIFTEEN LOCATIONS IN THE U.S. 1/  
MAINTAINED USING "SCHEDULE B" \*  
2002 DATA

## TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IA1	IL2	KY1	MN1	MO1	NC1	NE2	NJ2	OK1	PA1	RI1	VA1	WA1	WA3	WY1	MEAN
BOOMERANG	6.0	4.7	4.6	5.6	4.5	4.7	6.1	4.3	6.0	6.1	7.0	3.7	6.9	4.0	5.7	5.3
B5-45	6.1	5.0	5.4	5.7	4.7	4.4	5.5	4.4	6.3	6.8	6.8	3.9	5.8	3.6	5.3	5.3
B5-144	5.9	5.3	5.6	5.9	4.5	4.0	5.6	4.9	5.6	6.3	7.4	3.6	5.8	3.6	5.7	5.3
PST-222	5.4	4.2	5.8	5.9	4.6	4.3	5.7	5.0	4.4	6.7	7.4	4.6	6.8	3.9	4.8	5.3
PP H 7832	6.2	4.9	5.0	5.6	4.5	4.2	5.2	5.1	5.8	6.3	7.1	3.6	5.8	4.4	6.2	5.3
WASHINGTON	5.7	5.9	4.7	5.9	4.4	4.6	5.6	4.0	6.3	6.4	7.4	3.7	4.6	4.8	5.3	5.3
COVENTRY	5.9	5.4	4.9	5.8	4.6	4.2	5.4	4.9	6.1	6.8	7.3	3.8	5.9	3.6	4.7	5.3
MARKHAM (NA-K991)	6.0	4.5	6.0	5.5	4.5	4.1	5.2	4.4	6.5	6.0	6.1	4.0	6.2	4.1	6.2	5.3
ABBEY	6.0	5.0	5.6	5.7	4.5	4.3	5.6	4.8	5.6	6.8	7.3	3.8	5.7	3.5	5.0	5.3
FAIRFAX	5.9	5.0	5.0	5.7	4.5	3.5	5.7	4.5	6.2	7.0	7.2	3.6	5.6	3.9	5.7	5.3
PP H 6366	6.3	4.8	5.0	5.8	4.5	3.8	5.9	5.4	5.2	7.0	7.6	3.9	4.7	4.6	4.7	5.3
B5-43	6.1	4.6	5.7	5.6	4.8	4.2	5.3	4.4	6.4	7.0	6.8	3.7	5.6	3.8	4.7	5.2
BARON	6.0	4.9	5.5	5.7	4.7	4.0	5.5	4.8	5.3	6.3	7.1	4.0	5.6	3.5	5.5	5.2
CVB-20631	5.3	3.7	5.1	5.2	4.4	5.0	4.8	5.3	5.4	7.3	6.9	3.8	6.3	4.4	5.3	5.2
A97-857	6.1	4.7	5.8	5.4	4.5	4.4	4.6	3.5	6.2	6.3	7.0	4.2	5.5	4.7	5.2	5.2
A96-742	6.1	4.4	5.2	5.7	4.4	4.8	5.6	4.0	6.5	6.2	6.9	4.1	5.2	4.0	5.0	5.2
JULIUS	6.7	4.1	5.7	5.6	4.6	4.0	5.1	5.0	5.4	6.5	7.2	3.3	4.8	4.8	4.5	5.2
BODACIOUS	6.0	5.6	4.0	5.2	4.6	4.8	5.3	4.3	5.5	6.4	6.3	3.2	5.9	4.0	5.8	5.1
LILY	6.2	4.6	5.0	5.8	4.9	4.0	4.9	4.8	5.5	6.0	6.9	3.6	5.8	3.8	5.2	5.1
SRX 27921	5.8	4.3	4.3	5.6	4.0	4.3	6.7	4.9	5.1	6.3	5.6	3.0	6.7	4.4	5.3	5.1
A98-407	5.9	4.7	5.0	5.8	4.3	3.6	5.2	4.5	5.4	6.8	6.6	3.7	6.2	3.4	5.0	5.1
PP H 7929	5.6	4.4	3.5	5.5	4.4	4.4	4.3	5.2	4.9	6.5	6.9	3.4	5.9	4.1	5.8	5.0
BH 00-6002	6.0	4.9	5.2	5.9	4.1	3.4	5.1	4.1	5.1	5.9	7.1	3.7	5.0	4.1	5.3	5.0
BA 84-140	4.9	5.0	4.0	5.4	4.0	4.4	6.1	4.4	5.2	5.8	6.1	3.4	6.7	3.5	5.2	5.0
PP H 7907	6.2	4.0	3.7	5.6	3.7	4.0	5.3	4.7	5.1	6.7	6.9	3.0	6.2	3.9	5.3	5.0
DLF 76-9034	5.6	4.9	5.7	5.8	3.9	4.6	5.0	3.1	6.5	5.2	7.2	4.7	4.0	2.8	5.0	4.9
99AN-53	6.1	4.4	5.4	5.4	4.1	3.4	5.5	4.3	4.4	6.4	6.8	3.6	5.2	3.1	5.7	4.9
BLUE KNIGHT	6.4	4.0	3.5	5.9	4.9	3.6	5.8	5.4	4.4	5.7	6.6	3.2	6.1	2.1	5.5	4.9
WELLINGTON	5.5	5.7	4.8	5.3	3.8	3.9	6.0	3.6	5.7	5.1	7.2	3.9	4.5	3.2	4.7	4.9
NA-K992	5.4	4.9	3.6	5.2	4.2	4.1	5.5	4.0	5.6	5.1	5.9	3.6	5.2	2.8	5.2	4.7
KENBLUE	5.4	5.8	5.0	5.6	4.2	3.4	4.6	3.4	6.0	4.9	7.2	3.7	3.8	2.6	4.7	4.7
SRX QG245	6.4	2.8	4.1	5.8	4.0	2.9	5.4	4.4	4.0	6.3	6.4	3.1	5.6	3.5	5.0	4.7
GO-9LM9	5.2	3.0	3.4	5.4	3.8	3.8	5.0	2.9	4.4	4.0	6.8	3.1	4.3	1.6	5.0	4.1
LSD VALUE	1.1	0.9	1.4	0.4	0.8	0.9	1.2	0.8	0.9	1.8	0.8	1.1	0.8	0.8	1.3	0.3
C.V. (%)	10.9	10.3	14.1	4.6	10.8	12.4	12.8	10.1	8.7	15.7	7.1	15.3	8.2	12.9	15.5	11.6

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.

\* SCHEDULE B - 1 - 2 INCH MOWING HEIGHT  
3 - 4 lbs. N/1000 SQUARE FEET/YEAR  
IRRIGATION TO PREVENT DORMANCY

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Table 10. 2000 NTEP, 2002 data

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
GROWN AT SIX LOCATIONS 1/  
IN THE TRANSITION ZONE  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	NC1	VA1	MEAN
EVERGLADE	6.8	7.9	6.0	5.6	5.7	5.5	6.3
BARRISTER (J-1655)	6.8	8.2	6.3	5.5	5.4	5.3	6.2
NU DESTINY (J-2695)	6.6	8.5	6.4	5.5	5.0	4.7	6.1
J-2890	6.4	7.8	6.4	5.5	5.2	5.3	6.1
PERFECTION (J-1515)	6.7	6.4	6.2	5.8	5.3	5.8	6.0
J-1513	6.3	8.1	6.0	5.7	5.1	4.9	6.0
A97-1715	6.1	7.5	6.2	5.0	6.2	4.9	6.0
MIDNIGHT II (A98-739)	6.3	7.8	6.4	5.0	5.6	4.7	6.0
AWESOME (J-1420)	6.6	7.7	6.1	5.0	5.2	4.9	5.9
BLUESTONE (PST-731)	6.6	6.8	6.3	5.7	5.9	4.1	5.9
ARCADIA	6.7	6.6	6.3	5.4	5.8	4.3	5.9
EXCURSION (J-1648)	6.7	7.2	6.2	5.0	5.1	5.0	5.8
TSUNAMI (J-2487)	6.6	7.7	6.1	5.3	4.8	4.5	5.8
PST-161	7.0	7.0	5.5	4.7	5.4	5.4	5.8
QUANTUM LEAP	6.9	6.8	6.6	5.2	5.3	4.2	5.8
PRO SEEDS - 453	5.9	7.8	6.2	4.6	5.1	5.2	5.8
GINNEY (J-1368)	6.6	6.7	6.2	5.3	5.2	4.8	5.8
EVEREST	6.0	7.1	5.8	5.6	5.1	5.1	5.8
MOON SHADOW (PICK 113-3)	6.6	6.9	5.8	5.0	5.6	4.8	5.8
TOTAL ECLIPSE	6.7	6.5	6.5	5.3	4.7	5.1	5.8
J-2561	6.3	6.8	6.0	5.7	4.8	4.9	5.8
BLACKSTONE	6.5	7.0	6.7	5.2	4.8	4.4	5.8
CABERNET	7.0	7.0	5.1	4.7	5.6	5.0	5.7
BA 00-6001	5.8	6.9	5.6	5.1	5.3	5.7	5.7
AWARD	6.1	6.9	6.3	5.3	5.3	4.5	5.7
UNKNOWN	6.6	5.5	6.4	5.3	5.3	5.1	5.7
MIDNIGHT	6.2	6.4	6.3	5.4	6.0	3.9	5.7
BEYOND (J-1880)	6.7	6.4	5.9	5.3	4.9	5.0	5.7
IMPACT	5.7	6.7	6.3	5.4	5.4	4.7	5.7
A97-1432	6.3	7.1	6.8	4.9	4.6	4.5	5.7
BAR PP 0468	5.7	6.6	6.0	5.0	5.2	5.5	5.7
J-2885	6.2	7.1	6.4	5.2	4.9	4.2	5.7
J-1838	5.8	7.2	6.4	5.6	4.7	4.3	5.7
RUGBY II	5.8	7.0	6.2	5.3	5.0	4.6	5.6
A98-365	5.8	6.9	6.0	4.7	4.7	5.7	5.6
ARROW (A97-1567)	6.1	6.9	5.4	5.0	5.5	4.9	5.6
ROYCE (A98-304)	6.2	6.5	6.0	4.9	5.1	4.9	5.6
VOYAGER II (PST-1QG-27)	5.3	6.3	5.8	5.3	4.8	6.1	5.6
LIBERATOR	5.1	6.6	5.7	5.3	5.6	5.2	5.6
BLUEMAX (PST-B5-89)	6.1	6.5	5.7	4.8	4.6	5.8	5.6
BRILLIANT	6.0	6.2	6.0	4.8	4.6	5.9	5.6
ODYSSEY	6.6	6.3	5.8	5.2	5.4	3.9	5.5
B3-185	5.7	6.4	6.0	4.5	5.2	5.5	5.5
A97-1330	5.7	6.8	5.6	5.0	5.0	5.3	5.5

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TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE TRANSITION ZONE  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	NC1	VA1	MEAN
BEDAZZLED	5.7	5.9	6.4	5.1	5.4	4.8	5.5
1B7-308	6.2	7.3	5.5	4.8	4.1	5.3	5.5
SR 2284 (SRX 2284)	6.1	6.9	5.7	4.6	4.7	5.1	5.5
BLACKSBURG II (PST-1BMY)	6.8	6.9	4.9	4.8	4.6	5.1	5.5
MALLARD (A97-1439)	6.8	6.6	5.0	4.9	4.8	4.9	5.5
A96-739	6.4	6.9	6.4	4.7	4.6	4.0	5.5
BAR PP 0471	5.7	6.1	5.6	4.7	5.0	5.8	5.5
BAR PP 0566	6.5	6.0	5.1	5.0	5.5	4.8	5.5
RITA	6.1	6.7	4.8	4.8	5.2	5.3	5.5
BA 82-288	6.3	6.7	5.0	4.8	5.6	4.5	5.5
SHOWCASE	5.5	6.2	5.8	5.1	5.0	5.2	5.5
DLF 76-9037	5.7	6.5	5.6	4.8	5.4	4.9	5.5
UNIQUE	5.7	7.0	5.7	4.8	4.8	4.8	5.5
BAR PP 0573	5.1	6.3	5.2	5.1	5.6	5.4	5.4
MERCURY (PICK-232)	5.9	6.6	5.4	4.8	5.2	4.7	5.4
NUGLADE	5.2	6.6	6.5	5.3	4.7	4.3	5.4
MOONLIGHT	5.5	6.9	5.4	5.3	4.6	4.8	5.4
APOLLO	5.3	7.1	5.9	4.4	5.0	4.7	5.4
HV 238	6.1	6.0	5.8	5.3	4.9	4.2	5.4
PICK 453	6.0	6.0	6.5	4.9	4.5	4.3	5.4
FREEDOM II	5.7	6.1	6.2	5.1	5.5	3.6	5.4
CHICAGO II	6.2	5.3	7.4	5.1	4.5	3.8	5.4
PST-108-79	6.3	5.9	6.0	4.7	4.5	4.8	5.4
BA 83-113	5.9	6.1	5.3	4.8	5.2	4.9	5.4
H92-203	5.9	6.1	5.5	4.5	5.3	4.7	5.3
BARIRIS	5.7	6.1	6.5	5.3	4.5	3.9	5.3
PST-H6-150	5.5	6.3	5.4	4.9	5.0	4.8	5.3
SI A96-386	6.3	6.1	5.8	4.2	5.2	4.3	5.3
LANGARA	6.4	6.0	6.4	4.6	4.3	4.1	5.3
BARONETTE (BA 81-058)	6.7	6.0	5.0	5.0	4.2	4.9	5.3
SERENE	5.6	6.4	6.3	5.4	3.9	4.2	5.3
A96-427	5.8	5.8	5.5	5.0	4.7	4.9	5.3
PP H 6370	5.4	6.6	6.0	4.8	4.9	3.9	5.3
AVALANCHE (PST-1701)	6.0	5.9	6.2	4.4	4.9	4.3	5.3
PST-1804	5.9	5.9	5.8	4.8	4.7	4.5	5.3
PST-B5-125	6.0	6.6	5.4	5.2	4.4	3.9	5.3
GOLDSTAR (A98-296)	6.3	6.1	5.0	4.5	4.8	4.9	5.3
B3-171	5.5	6.4	5.5	4.4	5.2	4.4	5.2
A98-183	5.9	6.4	5.6	4.7	4.9	4.0	5.2
B4-128A	4.6	5.8	7.6	4.7	4.5	4.3	5.2
SONOMA	5.9	6.1	5.7	4.3	4.6	4.8	5.2
CHAMPLAIN (A98-1275)	5.5	6.0	5.8	4.8	4.1	5.1	5.2
JEFFERSON	5.8	6.2	5.7	4.6	4.6	4.4	5.2
RAMBO	4.8	6.2	5.6	4.3	5.7	4.6	5.2
EAGLETON	6.3	6.2	4.9	5.0	4.9	3.9	5.2

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TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE TRANSITION ZONE  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	NC1	VA1	MEAN
LAKESHORE (A93-200)	5.4	6.3	5.5	4.9	4.6	4.3	5.2
NORTH STAR	5.7	6.5	6.2	4.8	4.0	3.7	5.2
RAVEN	5.2	5.3	6.0	4.9	4.2	5.3	5.2
BH 00-6003	6.4	7.0	4.0	4.2	4.9	4.4	5.2
CHAMPAGNE	4.9	6.3	5.7	4.3	5.0	4.9	5.1
DLF 76-9036	5.7	5.8	6.1	4.5	4.5	4.2	5.1
BLUE RIDGE (A97-1449)	5.6	6.3	5.8	4.8	4.1	4.0	5.1
A98-1028	5.4	6.5	5.5	4.7	4.3	4.1	5.1
LIMOUSINE	5.2	5.9	7.2	4.2	4.5	3.5	5.1
BOUTIQUE	6.0	6.2	5.0	4.9	4.1	4.3	5.1
PST-B4-246	5.9	5.7	5.7	5.0	4.3	3.9	5.1
JEWEL	5.8	6.1	4.7	4.4	4.9	4.5	5.1
DLF 76-9032	6.0	4.5	6.3	5.2	4.6	3.6	5.0
BARTITIA	5.1	5.8	6.8	4.8	4.2	3.5	5.0
PRINCETON 105	4.9	5.7	6.0	4.7	4.5	4.4	5.0
ASCOT	5.9	5.3	6.1	4.9	4.4	3.6	5.0
PICK 417	5.7	6.3	6.4	4.7	3.7	3.5	5.0
GLENMONT (H94-293)	5.4	5.6	6.0	5.4	3.7	4.0	5.0
GOLDRUSH	4.8	6.0	5.8	4.9	4.3	4.3	5.0
H92-558	6.0	5.5	6.2	5.2	3.6	3.6	5.0
HV 140	5.4	5.9	5.9	4.6	4.4	3.9	5.0
SRX 2114	5.8	5.4	5.0	4.8	4.8	4.2	5.0
A98-139	6.3	5.5	4.6	4.3	4.8	4.5	5.0
JULIA	5.3	5.5	6.4	4.5	4.4	3.8	5.0
PST-604	5.5	5.4	4.5	4.4	4.8	5.3	5.0
ALPINE	5.1	6.0	6.2	4.1	4.8	3.7	5.0
CHELSEA	5.3	5.2	6.7	4.5	4.4	3.8	5.0
MARQUIS	4.9	6.2	5.9	4.3	4.0	4.5	5.0
ALLURE	5.1	6.2	5.7	5.1	4.0	3.6	5.0
PST-B3-170	5.1	5.4	5.8	5.1	4.4	3.9	5.0
ENVICTA	4.6	5.4	5.6	5.0	4.6	4.6	5.0
PP H 6366	4.8	5.0	7.8	4.5	3.8	3.9	4.9
PST-YORK HARBOR 4	6.1	6.4	4.6	4.8	3.8	4.0	4.9
BROOKLAWN	5.1	5.8	6.0	4.7	4.3	3.9	4.9
BORDEAUX	4.4	5.5	6.2	4.5	4.2	4.7	4.9
BARITONE	5.2	5.1	6.2	5.0	4.0	4.1	4.9
A97-1409	5.0	7.0	4.7	4.5	3.9	4.4	4.9
BARONIE	4.8	5.8	5.0	4.5	4.8	4.6	4.9
A96-451	5.9	6.0	5.2	4.5	3.8	4.1	4.9
MONTE CARLO (A96-402)	5.5	5.3	5.0	4.7	4.3	4.7	4.9
CHATEAU	5.1	5.4	6.3	4.9	4.0	3.7	4.9
JULIUS	4.1	5.7	7.6	4.6	4.0	3.3	4.9
B5-45	5.0	5.4	5.9	4.7	4.4	3.9	4.9
ROYALE (A97-1336)	4.8	6.0	5.3	4.6	4.1	4.5	4.9
ABBAY	5.0	5.6	6.0	4.5	4.3	3.8	4.9

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Table 10.

TABLE 7. MEAN TURFGRASS QUALITY RATINGS OF KENTUCKY BLUEGRASS CULTIVARS  
(CONT'D) GROWN AT SIX LOCATIONS 1/  
IN THE TRANSITION ZONE  
2002 DATA

TURFGRASS QUALITY RATINGS 1-9; 9=IDEAL TURF 2/

NAME	IL2	KY1	MD1	MO1	NC1	VA1	MEAN
PST-222	4.2	5.8	5.6	4.6	4.3	4.6	4.9
HALLMARK	5.6	5.7	5.6	4.6	3.7	3.9	4.9
A97-857	4.7	5.8	5.6	4.5	4.4	4.2	4.9
SRX 2394	4.7	5.5	6.9	4.7	3.8	3.5	4.8
COVENTRY	5.4	4.9	6.0	4.6	4.2	3.8	4.8
WILDWOOD	5.7	5.8	5.2	4.7	3.4	4.1	4.8
PST-H5-35	5.9	5.7	5.1	5.2	3.7	3.2	4.8
B5-144	5.3	5.6	5.7	4.5	4.0	3.6	4.8
MISTY	4.3	5.3	6.0	4.8	4.3	4.0	4.8
PP H 7832	4.9	5.0	6.6	4.5	4.2	3.6	4.8
B5-43	4.6	5.7	5.7	4.8	4.2	3.7	4.8
SRX 26351	5.5	4.4	6.3	4.3	4.4	3.6	4.8
LIMERICK	4.6	6.1	4.9	4.4	4.1	4.2	4.7
WASHINGTON	5.9	4.7	4.9	4.4	4.6	3.7	4.7
BARON	4.9	5.5	5.0	4.7	4.0	4.0	4.7
A98-881	4.2	6.0	5.7	4.5	3.5	4.2	4.7
BA 84-140	5.0	4.0	7.0	4.0	4.4	3.4	4.7
SHAMROCK	5.1	5.8	4.4	4.8	4.0	3.8	4.7
MARKHAM (NA-K991)	4.5	6.0	4.7	4.5	4.1	4.0	4.6
BARZAN	4.8	5.3	5.5	4.5	4.0	3.4	4.6
BOOMERANG	4.7	4.6	5.2	4.5	4.7	3.7	4.6
CVB-20631	3.7	5.1	5.4	4.4	5.0	3.8	4.6
A98-407	4.7	5.0	6.0	4.3	3.6	3.7	4.6
FAIRFAX	5.0	5.0	5.5	4.5	3.5	3.6	4.5
A96-742	4.4	5.2	4.1	4.4	4.8	4.1	4.5
DLF 76-9034	4.9	5.7	3.2	3.9	4.6	4.7	4.5
LILY	4.6	5.0	4.8	4.9	4.0	3.6	4.5
BODACIOUS	5.6	4.0	4.3	4.6	4.8	3.2	4.4
KENBLUE	5.8	5.0	4.1	4.2	3.4	3.7	4.4
BH 00-6002	4.9	5.2	4.9	4.1	3.4	3.7	4.4
WELLINGTON	5.7	4.8	4.0	3.8	3.9	3.9	4.3
99AN-53	4.4	5.4	4.6	4.1	3.4	3.6	4.3
PP H 7929	4.4	3.5	5.1	4.4	4.4	3.4	4.2
BLUE KNIGHT	4.0	3.5	5.9	4.9	3.6	3.2	4.2
SRX 27921	4.3	4.3	4.4	4.0	4.3	3.0	4.1
NA-K992	4.9	3.6	3.5	4.2	4.1	3.6	4.0
PP H 7907	4.0	3.7	4.7	3.7	4.0	3.0	3.9
SRX QG245	2.8	4.1	5.8	4.0	2.9	3.1	3.8
GO-9LM9	3.0	3.4	3.9	3.8	3.8	3.1	3.5
LSD VALUE	0.9	1.4	0.7	0.8	0.9	1.1	0.4
C.V. (%)	10.3	14.1	7.6	10.8	12.4	15.3	11.9

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.

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Table 11. 2000 NTEP, 2002 data.

TABLE 12. GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

NAME	GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/																				MEAN						
	IA1	IL2	IL3	IN1	KS2	KY1	MA1	MD1	MI1	M12	MN1	MO1	NC1	NE1	NE2	NJ1	NJ2	OH1	OK1	PA1		SD1	UT1	VA1	WA1	WA3	WI1
BA 84-140	7.0	9.0	8.7	8.7	9.0	3.3	8.3	9.0	6.0	4.7	6.0	7.0	8.7	9.0	8.7	9.0	8.0	9.0	8.7	8.7	8.3	6.7	7.0	9.0	9.0	5.7	7.8
CHICAGO II	8.0	8.7	8.7	8.0	8.7	5.7	7.3	8.0	5.7	4.3	6.7	6.7	7.7	9.0	8.0	9.0	8.0	8.0	8.3	9.0	8.3	6.0	5.7	9.0	8.0	6.0	7.6
1B7-308	7.0	8.7	6.7	7.3	8.0	7.7	6.7	8.0	6.0	5.0	6.3	6.3	8.3	8.7	9.0	7.3	7.7	8.3	8.0	8.3	7.7	7.0	8.3	8.7	7.7	7.0	7.5
MOONLIGHT	7.0	9.0	7.0	7.7	8.0	7.3	6.3	8.0	6.0	5.0	6.3	7.0	8.0	9.0	7.7	7.7	8.3	7.7	8.0	8.7	8.0	6.3	8.0	9.0	7.7	7.0	7.5
BLUEMAX (PST-B5-89)	7.3	9.0	8.0	7.7	8.0	7.0	6.7	8.0	6.0	5.0	6.0	5.3	8.7	8.3	7.7	7.7	7.7	7.3	7.7	9.0	8.0	5.7	7.7	8.7	8.0	7.0	7.4
QUANTUM LEAP	7.3	8.7	7.3	7.3	8.0	8.3	6.0	7.3	6.3	4.7	6.3	5.7	7.7	8.7	7.7	8.3	7.7	8.0	7.7	9.0	8.3	7.0	5.7	8.7	7.7	6.0	7.4
BARRISTER (J-1655)	7.7	8.7	9.0	7.3	8.0	8.7	6.7	7.3	6.0	5.0	6.3	5.7	8.0	8.0	7.0	7.7	7.3	7.7	7.3	8.3	7.3	7.0	6.3	8.7	7.0	6.3	7.3
MARKHAM (NA-K991)	8.0	8.0	8.0	8.0	7.0	7.7	7.0	7.7	6.3	4.7	5.7	5.7	8.0	8.7	7.7	8.0	6.7	8.0	7.3	8.0	8.0	6.7	7.0	9.0	7.3	6.0	7.3
EVEREST	7.0	9.0	8.0	7.0	8.0	8.0	6.0	7.3	5.7	5.0	6.0	6.7	7.3	8.7	7.0	7.7	7.0	8.3	7.3	9.0	7.7	6.3	6.7	9.0	7.3	5.7	7.3
MIDNIGHT II (A98-739)	6.7	8.3	7.3	7.7	8.0	8.7	5.7	7.7	6.0	5.3	6.7	5.7	7.7	8.7	8.3	6.7	7.7	8.3	7.3	8.3	7.3	6.7	6.7	8.7	7.3	6.0	7.2
EVERGLADE	7.0	9.0	7.0	7.3	7.7	9.0	6.3	7.3	6.0	4.7	6.3	6.0	8.0	7.7	7.3	8.0	7.3	8.3	7.7	8.0	7.7	6.3	6.0	8.7	8.0	5.3	7.2
BLUE RIDGE (A97-1449)	7.3	7.7	6.3	7.7	8.0	7.7	5.7	7.7	6.0	5.0	6.0	5.3	7.3	8.0	7.3	8.3	7.7	7.7	7.7	7.7	8.7	6.7	9.0	7.7	7.7	6.3	7.2
PERFECTION (J-1515)	7.0	8.7	7.0	7.0	8.0	7.7	6.3	7.3	6.0	4.0	6.0	6.3	8.0	8.7	7.3	7.7	7.0	7.7	8.0	8.7	7.3	6.3	7.3	8.3	8.0	6.0	7.2
NU DESTINY (J-2695)	8.0	8.7	6.7	7.0	7.7	8.7	6.0	7.3	6.0	5.0	7.0	6.0	8.0	8.0	7.3	7.7	7.3	7.7	7.7	8.3	7.7	5.3	6.3	8.3	7.7	6.3	7.2
TSUNAMI (J-2487)	7.0	8.7	7.0	7.3	8.0	8.0	5.7	7.0	6.0	5.0	6.7	6.3	8.3	8.3	7.0	7.7	7.3	8.0	7.3	8.3	7.0	5.7	7.0	9.0	7.7	6.3	7.2
BEYOND (J-1880)	7.0	9.0	8.3	7.3	7.0	8.0	6.7	7.7	6.0	4.3	6.3	6.0	7.3	8.0	7.7	7.3	7.7	8.0	7.3	8.7	7.7	4.7	6.3	9.0	7.7	6.0	7.2
EXCURSION (J-1648)	7.3	8.3	6.3	7.3	7.7	8.7	6.3	7.3	6.0	5.0	6.3	5.3	7.7	8.3	7.3	7.3	7.3	8.0	8.0	8.3	7.3	5.0	6.7	9.0	8.0	6.3	7.2
J-1513	7.0	8.7	6.3	7.0	7.7	8.3	6.7	7.0	6.0	4.3	6.7	7.3	7.7	8.0	7.0	7.7	7.3	7.3	7.7	8.3	7.7	5.7	6.0	9.0	8.0	6.0	7.2
J-2890	7.0	8.7	8.0	7.3	8.3	8.3	5.7	7.3	6.0	5.0	6.3	6.0	7.3	8.0	7.7	7.7	7.0	7.3	7.3	8.3	7.3	6.0	7.0	8.7	8.0	5.7	7.2
BLUESTONE (PST-731)	7.0	8.3	6.7	7.0	7.3	8.3	6.0	7.0	6.0	4.3	6.3	6.0	7.7	8.3	8.0	6.7	6.7	8.0	8.3	7.7	7.7	7.3	6.0	9.0	8.0	6.0	7.1
IMPACT	7.3	9.0	6.3	7.0	7.7	7.7	7.0	6.7	6.0	4.7	6.3	6.3	7.3	8.0	8.0	7.3	7.7	7.7	7.7	8.0	7.7	5.7	6.0	9.0	7.7	6.0	7.1
PST-222	7.3	8.3	7.0	7.7	8.0	7.0	6.0	7.0	6.0	4.7	6.0	5.3	8.0	7.7	7.7	7.7	7.0	7.7	7.3	8.3	7.7	6.7	8.0	8.3	7.0	6.0	7.1
ARCADIA	7.3	8.3	5.3	7.0	8.0	8.0	6.3	7.3	6.0	5.3	6.3	6.0	8.3	8.3	7.7	7.3	7.3	7.7	7.3	7.7	7.3	6.7	6.3	8.7	7.3	6.0	7.1
AWESOME (J-1420)	8.0	8.7	4.7	7.0	7.0	8.3	5.7	7.3	5.3	4.7	6.7	6.0	8.3	8.3	7.3	7.3	7.0	8.7	7.3	8.7	7.3	5.3	6.7	9.0	8.0	6.3	7.1
UNKNOWN	7.7	9.0	6.7	7.0	7.7	7.0	6.7	7.0	6.0	5.0	6.0	6.0	8.3	8.0	8.0	7.0	7.0	8.0	7.3	8.7	7.7	6.0	6.0	8.0	7.3	6.0	7.1
J-1838	6.3	7.7	6.3	7.3	7.3	8.7	5.7	7.7	6.0	4.3	6.7	7.0	7.7	8.0	6.7	7.7	7.3	8.3	7.0	8.3	7.3	6.0	6.3	9.0	8.0	5.7	7.1
AWARD	7.3	8.3	6.3	7.0	7.3	8.0	6.3	7.0	6.0	4.7	6.3	6.0	7.7	8.0	7.3	7.0	7.0	7.7	8.3	7.7	7.7	5.7	7.3	8.7	7.0	6.3	7.1
GINNEY (J-1368)	7.7	9.0	7.3	7.0	8.0	8.0	5.3	7.0	6.0	4.3	6.7	6.7	8.0	8.3	7.3	8.0	5.7	7.0	7.0	8.3	7.0	4.7	7.0	8.7	7.7	6.0	7.1
J-2561	7.0	9.0	7.0	7.0	7.5	8.3	6.0	6.7	5.7	5.3	5.7	6.0	6.7	8.0	7.3	7.7	6.7	7.3	7.7	8.7	7.3	5.7	5.7	8.3	7.7	6.0	7.0
TOTAL ECLIPSE	7.0	8.0	5.3	7.0	7.0	7.7	6.7	7.3	6.0	4.7	6.3	6.3	7.3	8.0	7.7	7.7	7.0	7.7	7.7	7.7	7.0	6.3	5.7	9.0	7.7	5.7	7.0
MIDNIGHT	7.0	8.7	4.0	7.0	7.3	6.3	6.3	8.0	5.7	4.3	6.0	5.7	8.0	8.3	7.7	7.3	7.3	7.7	7.3	8.0	7.3	6.0	6.3	9.0	7.7	6.7	7.0
ODYSSEY	7.0	8.3	7.0	7.0	7.7	7.3	6.3	7.3	6.0	4.7	6.0	6.3	7.0	7.7	7.3	6.7	7.0	7.7	7.7	8.0	7.0	5.0	6.0	8.7	7.7	6.0	6.9
FREEDOM II	7.0	7.3	6.3	7.0	8.0	7.7	6.3	7.3	6.0	4.7	5.7	5.3	7.7	8.0	7.0	7.7	7.3	7.0	7.7	7.7	7.7	6.3	6.0	8.7	7.7	5.0	6.9
J-2885	7.0	7.7	7.0	7.0	7.3	8.0	5.3	7.0	6.0	4.7	6.0	6.0	8.3	8.3	8.0	7.0	6.0	8.0	7.7	8.0	7.3	5.3	5.3	8.3	7.3	5.7	6.9
BOUTIQUE	7.7	7.0	6.3	7.0	7.7	7.7	6.0	7.3	6.0	4.7	6.0	6.0	8.3	7.7	7.7	6.7	6.0	7.3	7.7	7.0	7.0	7.0	7.0	7.0	7.7	6.0	6.9
A98-365	7.0	6.7	8.3	7.3	7.3	7.7	6.0	7.7	6.0	5.0	6.3	5.0	7.7	7.3	7.7	6.3	7.0	7.0	7.7	6.7	7.7	5.3	8.0	9.0	6.3	5.0	6.9
A97-1409	7.0	7.0	4.7	7.0	8.3	8.0	6.0	7.3	6.3	5.0	6.0	5.3	8.0	7.7	7.0	6.7	7.3	6.7	7.7	7.7	8.0	6.0	7.3	7.7	6.7	6.0	6.9
LIBERATOR	7.3	7.0	6.0	7.0	7.3	7.7	5.3	7.0	5.7	5.3	6.0	6.0	8.0	7.7	7.7	7.3	6.3	7.0	7.7	8.0	7.3	5.7	5.7	8.7	7.3	6.0	6.8
RUGBY II	7.3	8.3	5.7	7.0	7.7	8.3	6.3	7.0	6.0	5.0	6.0	5.7	7.0	5.3	7.7	6.7	6.7	7.0	8.7	8.0	7.3	5.7	6.0	8.7	6.7	6.0	6.8
SRX 2114	7.3	7.0	7.0	7.0	6.7	6.3	6.3	8.0	6.0	4.7	6.0	5.7	8.3	7.3	7.7	7.3	6.3	7.3	7.3	8.0	7.3	5.3	5.3	7.7	8.0	6.0	6.8
A96-451	7.3	7.0	4.7	7.3	7.7	7.0	6.0	7.3	6.0	4.7	6.0	5.3	7.3	7.0	7.7	7.3	6.7	7.7	7.3	8.0	7.0	6.0	7.7	8.0	7.0	6.0	6.8
BORDEAUX	7.3	7.3	4.0	7.0	7.3	6.7	6.3	7.3	6.3	5.0	6.0	5.0	8.0	8.0	7.0	6.7	5.3	7.7	7.3	7.7	7.3	6.3	8.3	8.3	7.0	5.7	6.8
NUGLADE	7.0	7.3	5.3	7.0	6.7	8.0	5.0	7.0	6.0	4.7	6.3	6.0	6.7	8.3	7.3	7.3	5.7	6.7	7.7	7.3	7.3	5.7	7.0	8.7	8.0	6.0	6.8
BOOMERANG	7.3	7.3	5.0	7.3	8.5	5.7	6.3	7.0	6.0	4.3	5.7	4.7	7.7	8.7	8.0	7.0	6.7	6.7	8.0	7.0	7.0	5.3	6.3	9.0	7.7	5.3	6.8

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Table 11.

TABLE 12. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL2	IL3	IN1	KS2	KY1	MA1	MD1	MI1	MI2	MN1	MO1	NC1	NE1	NE2	NJ1	NJ2	OH1	OK1	PA1	SD1	UT1	VA1	WA1	WA3	WI1	MEAN
A97-1432	7.3	6.3	7.0	6.7	7.3	7.3	5.7	7.3	5.7	4.3	6.3	5.3	7.7	7.3	7.0	5.7	5.7	7.7	8.0	7.3	7.7	6.0	7.0	8.3	7.3	6.0	6.7
A98-183	7.7	7.0	7.7	7.0	7.3	7.7	5.0	7.0	6.0	4.7	6.0	5.3	7.7	7.7	7.7	6.0	6.3	6.0	7.3	8.0	7.3	6.3	6.3	8.0	7.7	4.7	6.7
BLACKSTONE	7.0	6.3	4.0	7.0	7.3	7.7	6.3	7.0	6.0	4.7	6.3	5.7	8.0	7.7	7.0	7.3	6.0	6.7	7.3	6.3	7.7	7.0	7.7	8.3	7.0	6.0	6.7
BAR PP 0566	7.3	6.3	4.7	7.0	7.7	7.0	6.0	7.0	5.7	4.3	6.3	5.0	7.0	8.0	8.0	7.0	7.0	6.7	8.0	8.0	7.0	6.0	7.3	7.7	7.0	6.0	6.7
SRX 2394	6.7	7.0	4.7	7.0	6.3	7.3	6.0	8.0	6.0	5.0	6.0	6.7	7.7	7.0	7.3	5.7	6.0	7.3	7.3	6.7	7.0	6.3	7.7	8.3	7.3	6.7	6.7
BLUE KNIGHT	6.3	8.0	7.3	7.0	7.7	2.7	6.3	7.7	6.0	4.3	6.0	5.7	7.0	7.7	7.7	7.3	8.7	6.7	7.7	7.3	7.3	5.3	6.0	8.7	6.0	6.0	6.7
SRX 27921	7.3	7.7	7.0	7.0	7.0	7.0	7.0	7.0	6.0	4.3	5.3	4.3	7.3	8.0	7.0	6.3	5.3	7.0	8.0	8.0	7.3	6.0	4.7	8.3	7.7	6.3	6.7
MONTE CARLO (A96-402)	7.0	7.0	2.3	7.0	7.3	6.7	5.7	8.0	5.3	4.7	6.3	5.7	7.7	7.0	6.7	7.0	7.0	7.3	7.3	7.3	7.0	7.3	7.0	7.7	8.0	6.0	6.7
A98-407	6.7	7.7	6.7	7.7	7.3	7.0	4.7	6.7	6.0	4.7	6.0	5.3	7.0	7.3	7.3	6.0	7.3	7.7	7.7	6.7	7.0	5.7	7.0	8.7	6.7	5.0	6.7
MALLARD (A97-1439)	6.7	6.7	5.0	7.0	7.7	6.7	5.7	7.3	6.0	4.7	6.3	5.0	7.7	7.3	7.3	6.7	7.0	7.3	7.3	7.7	7.3	6.0	5.7	8.0	7.0	6.0	6.7
MOON SHADOW (PICK 113-3)	7.0	6.7	7.0	6.3	7.0	7.7	5.0	7.3	6.0	4.7	6.0	4.7	8.0	7.0	7.3	6.3	5.7	6.7	7.3	7.0	7.0	5.3	8.3	8.3	7.3	5.3	6.6
PST-B5-125	7.0	6.7	5.7	6.7	7.3	6.3	6.7	7.7	6.3	5.0	5.7	6.3	7.3	6.7	7.7	7.0	6.3	6.7	7.0	8.0	7.0	6.0	5.3	7.0	7.0	6.0	6.6
SONOMA	7.0	7.0	4.7	6.7	7.3	7.3	6.0	7.3	6.3	5.0	6.3	4.3	7.3	7.0	7.3	6.0	6.0	7.7	8.0	7.0	7.0	5.7	7.0	7.3	7.3	6.0	6.6
NORTH STAR	7.0	6.0	6.0	7.0	6.3	8.3	5.3	7.0	6.0	5.3	6.3	5.0	8.0	7.7	7.3	6.0	3.7	7.0	7.3	7.7	7.0	6.7	6.0	8.0	7.7	6.0	6.6
NA-K992	5.0	7.7	6.7	7.7	8.3	5.0	6.7	8.0	6.0	4.7	5.3	4.0	7.0	7.3	7.7	8.0	5.7	7.0	7.0	7.0	8.0	5.3	6.7	8.3	5.7	6.0	6.6
PST-604	7.7	7.0	6.7	7.0	7.3	7.3	6.0	7.7	6.0	4.7	6.0	5.0	6.7	7.3	7.0	4.3	6.7	6.0	7.7	6.7	7.3	6.0	6.3	8.3	6.7	5.3	6.6
MERCURY (PICK-232)	6.7	5.3	5.3	6.7	7.0	7.7	6.0	8.0	5.7	4.3	6.0	5.0	7.3	7.7	7.3	5.7	6.7	6.3	7.3	6.3	7.0	5.7	8.3	8.3	6.7	6.0	6.6
A96-739	7.3	6.7	4.0	7.0	7.3	7.0	5.7	6.0	6.0	5.3	5.7	4.7	7.3	7.0	7.3	6.3	6.3	7.0	8.0	7.0	7.0	6.3	7.3	8.3	6.3	5.7	6.5
H92-558	7.0	5.3	5.7	7.0	7.0	7.3	4.3	7.3	6.0	4.7	6.0	6.3	7.0	8.0	7.3	7.7	4.3	6.3	7.7	6.7	7.7	6.7	6.3	7.7	6.7	6.0	6.5
ASCOT	7.3	7.3	7.0	7.0	7.0	7.0	5.7	7.0	6.0	5.0	6.0	6.0	7.7	7.7	7.3	5.7	6.7	6.3	7.3	6.3	7.0	5.3	4.0	8.3	5.7	6.0	6.5
PICK 453	7.3	4.7	5.0	8.0	7.3	8.0	5.7	7.3	6.0	4.7	6.0	5.3	6.7	8.0	7.3	7.3	5.3	6.3	7.0	6.3	7.7	6.0	5.3	8.3	6.3	6.3	6.5
GLENMONT (H94-293)	6.7	7.0	1.7	7.0	6.7	6.3	6.0	7.0	6.0	5.7	5.7	6.7	7.3	8.0	7.7	5.7	5.0	7.7	8.0	7.7	6.3	5.7	6.0	8.3	7.3	6.3	6.5
HALLMARK	7.7	6.7	6.3	6.7	6.3	6.7	6.0	7.3	6.0	4.7	5.7	6.0	7.3	6.7	7.3	7.7	5.7	5.7	7.3	8.0	7.0	5.3	5.3	7.3	7.0	5.7	6.5
PST-B3-170	7.3	6.0	6.7	6.7	7.0	6.0	6.0	7.0	6.3	5.0	6.0	5.0	7.3	6.7	6.3	6.7	6.0	6.7	7.3	7.3	7.0	5.3	6.3	8.3	7.0	6.0	6.5
PST-B4-246	7.3	6.0	6.3	7.0	6.7	6.3	6.0	7.3	6.0	5.0	6.0	5.7	8.0	6.7	7.3	7.7	4.7	6.7	7.0	7.3	6.7	6.0	4.3	7.3	7.7	6.3	6.5
ARROW (A97-1567)	6.7	6.0	5.3	6.7	7.3	6.7	5.3	7.0	6.0	4.7	6.0	4.3	7.0	7.7	7.0	7.0	6.3	6.3	7.3	7.7	7.0	5.7	7.3	7.7	7.3	5.7	6.5
BH 00-6003	6.7	7.3	7.0	7.7	8.0	8.3	6.3	6.7	6.0	4.0	5.0	5.3	7.7	7.3	6.7	5.3	4.7	6.3	7.3	6.7	7.7	5.3	6.3	9.0	6.7	3.7	6.5
PRINCETON 105	6.3	7.7	5.7	6.3	7.0	7.0	6.3	7.0	6.0	5.0	6.0	5.3	7.7	7.3	6.7	7.7	4.7	7.0	7.0	6.3	7.3	5.7	6.3	7.7	6.7	5.0	6.5
BEDAZZLED	6.7	5.7	3.0	7.0	6.3	6.3	4.7	7.0	6.0	5.0	6.3	6.0	8.0	6.7	7.7	7.0	5.3	8.0	7.7	7.0	6.7	5.7	8.3	7.7	6.7	6.3	6.5
PICK 417	7.7	5.7	3.3	7.0	7.7	7.3	6.0	7.0	6.0	5.3	5.7	5.3	7.0	8.0	7.3	7.3	5.7	6.7	7.0	5.7	7.3	6.7	5.0	8.0	7.0	6.0	6.5
GOLDSTAR (A98-296)	7.0	7.0	4.0	6.7	7.0	6.3	5.3	7.0	6.0	4.3	6.0	4.7	8.0	7.0	7.0	5.7	7.7	7.3	7.3	6.3	7.0	6.0	6.3	8.3	7.0	6.0	6.5
RITA	6.7	6.0	6.0	6.7	7.3	7.3	5.0	7.3	6.0	4.7	6.3	5.3	7.7	7.0	6.7	5.7	5.3	7.0	7.7	6.7	7.3	6.0	7.0	7.7	7.0	5.0	6.5
BA 83-113	7.0	5.7	5.7	7.0	8.0	6.7	5.0	7.3	6.0	5.7	6.0	4.0	7.3	7.0	7.0	7.0	7.0	6.3	7.7	6.7	7.0	6.3	5.3	8.0	6.0	5.3	6.5
BAR PP 0573	7.0	6.0	6.3	6.7	6.3	6.7	5.0	7.0	6.0	4.7	6.3	5.7	7.0	6.7	7.0	5.3	6.0	7.3	7.7	7.0	7.0	5.0	7.3	8.7	6.3	5.3	6.4
PST-YORK HARBOR 4	7.3	7.0	6.7	7.0	7.0	6.3	6.3	7.3	6.0	4.7	6.0	6.0	7.0	6.7	6.0	6.7	6.0	7.0	7.7	7.7	6.0	5.7	4.0	6.7	6.7	6.0	6.4
PST-H5-35	7.3	5.0	6.0	7.0	6.7	6.3	6.0	7.0	6.0	5.0	5.3	5.3	8.0	7.0	7.7	5.3	5.0	6.7	8.0	7.3	6.3	6.0	5.0	8.3	6.7	6.3	6.4
SR 2284 (SRX 2284)	7.0	6.0	4.3	7.0	7.3	6.7	4.7	7.0	6.0	4.7	6.0	5.3	7.3	6.7	7.7	5.0	5.7	7.0	7.7	6.7	7.0	6.3	6.7	8.0	7.3	5.7	6.4
PP H 7907	7.7	6.3	5.0	7.0	7.3	7.7	6.0	7.0	6.0	5.3	5.7	5.3	6.7	7.7	7.7	6.0	4.7	6.0	7.3	6.3	7.3	5.0	5.7	8.3	6.0	5.3	6.4
BARONETTE (BA 81-058)	6.7	6.3	4.3	6.7	7.7	6.7	5.3	7.3	6.0	4.3	5.7	5.3	6.3	6.7	7.0	7.0	6.0	6.0	7.3	6.7	7.3	5.7	7.3	7.3	7.3	5.7	6.4
SI A96-386	7.7	6.0	3.0	6.7	6.7	7.3	5.3	7.0	6.0	4.3	6.3	4.7	7.7	7.0	7.0	6.3	4.3	7.3	7.3	7.0	7.7	6.3	6.7	8.0	6.3	6.0	6.4
BLACKSBURG II (PST-1BMY)	6.7	5.7	3.0	7.3	7.3	7.0	5.0	7.3	6.3	4.7	6.0	5.0	7.0	6.7	7.7	7.0	6.3	5.3	7.3	6.3	7.7	5.7	7.0	7.0	7.3	5.3	6.3
WILDWOOD	7.0	5.7	5.7	6.7	6.7	6.7	6.0	6.3	6.0	5.3	5.7	6.3	6.3	6.3	7.3	6.3	6.3	5.3	7.0	7.7	7.0	5.7	5.7	6.7	7.0	6.0	6.3
BA 00-6001	7.0	6.0	4.7	7.0	6.3	7.0	4.7	7.0	6.0	5.0	5.7	4.7	7.0	6.7	7.3	6.3	5.7	7.0	7.7	7.0	6.3	5.3	6.3	8.7	6.3	5.7	6.3
A96-427	6.3	6.3	4.7	7.0	6.0	7.0	4.7	7.3	5.7	5.0	6.0	4.7	7.0	6.7	7.0	6.0	5.3	7.0	7.3	6.7	7.0	5.7	7.7	8.7	5.7	6.0	6.3
CHAMPLAIN (A98-1275)	7.0	7.0	5.0	6.3	6.7	7.3	6.0	7.0	6.0	4.7	6.0	5.0	7.0	7.3	7.3	6.7	4.0	6.0	7.0	7.0	7.0	6.3	6.0	7.3	6.0	5.0	6.3

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TABLE 12. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL2	IL3	IN1	KS2	KY1	MA1	MD1	MI1	MI2	MN1	MO1	NC1	NE1	NE2	NJ1	NJ2	OH1	OK1	PA1	SD1	UT1	VA1	WA1	WA3	WI1	MEAN	
BODACIOUS	7.0	7.7	6.0	7.3	7.0	5.3	6.0	6.0	6.0	4.7	5.0	5.0	7.0	7.7	7.3	5.0	4.7	7.0	7.0	7.3	6.3	7.0	5.0	8.0	6.3	5.0	6.3	
PRO SEEDS - 453	6.7	4.7	5.0	6.7	6.3	8.0	6.0	7.0	6.0	4.7	6.3	5.0	6.0	6.3	7.7	5.7	5.7	6.3	7.3	6.0	7.0	5.7	7.3	8.0	6.3	6.0	6.3	
BA 82-288	6.7	5.0	3.0	6.7	7.0	6.7	5.3	6.7	6.0	5.0	6.7	5.0	7.0	7.0	6.7	6.3	6.3	6.7	7.7	7.3	7.3	6.0	6.3	7.3	6.3	5.3	6.3	
SRX 26351	6.7	5.0	6.0	6.3	6.3	5.0	6.0	7.7	6.0	5.0	6.0	5.0	6.7	8.0	7.0	6.3	6.0	5.7	8.0	6.0	7.0	6.3	6.0	8.0	5.3	5.7	6.3	
ROYALE (A97-1336)	7.0	5.7	3.0	6.7	6.3	6.7	5.0	7.3	6.0	5.3	5.3	4.7	7.3	6.0	6.3	5.7	5.0	7.7	7.0	6.7	7.0	5.7	8.0	7.7	7.3	5.3	6.2	
LANGARA	7.0	5.3	6.0	7.0	6.0	6.7	5.0	6.3	6.0	5.0	6.0	5.0	7.7	6.3	6.3	5.3	5.7	6.7	7.7	6.3	6.7	5.3	7.0	7.7	6.7	5.0	6.2	
VOYAGER II (PST-1QG-27)	6.7	6.7	6.0	6.0	5.7	6.7	5.0	7.0	6.0	5.0	5.7	4.3	7.0	7.0	7.3	4.3	5.0	6.3	7.7	7.3	7.0	5.0	6.7	8.3	5.7	6.3	6.2	
APOLLO	7.0	6.7	5.3	6.3	5.3	7.0	5.3	7.0	6.0	5.3	6.0	4.3	7.0	6.7	6.7	3.7	5.0	6.3	7.0	7.0	7.0	5.3	7.0	8.3	6.7	5.7	6.2	
DLF 76-9037	6.0	6.7	6.3	6.3	5.7	6.0	5.3	7.3	5.7	4.7	5.7	4.7	6.3	7.0	7.0	5.0	5.3	6.3	7.0	6.7	6.7	6.0	7.7	8.0	6.0	5.7	6.2	
PP H 7832	6.7	6.0	6.0	7.0	6.7	8.0	5.7	7.3	5.7	4.0	5.3	5.7	6.7	7.7	7.0	5.3	3.3	5.7	7.0	6.3	7.0	6.0	4.7	7.7	6.3	5.7	6.2	
CVB-20631	6.7	5.7	5.7	6.0	6.7	7.0	6.7	7.0	6.0	4.7	5.3	5.0	7.0	8.0	7.3	5.7	4.0	5.7	7.0	6.7	6.3	5.3	5.7	8.3	5.3	5.7	6.2	
A97-1715	6.3	5.0	5.3	7.0	6.3	7.0	6.3	7.0	6.0	4.3	6.0	4.0	7.7	6.7	6.0	7.0	5.3	4.0	7.7	6.0	7.3	6.3	5.3	7.3	6.7	5.7	6.1	
HV 140	6.3	4.3	6.7	6.7	5.7	7.7	6.7	6.3	6.0	4.7	5.0	5.0	7.3	7.7	7.0	3.7	2.3	6.3	8.3	6.3	6.0	7.0	5.0	8.0	7.0	6.0	6.1	
B3-185	6.7	5.0	6.0	6.0	5.0	6.0	5.3	7.0	6.0	5.0	5.7	4.3	6.3	6.7	7.3	4.3	5.0	6.7	7.0	7.0	7.0	6.0	6.7	8.0	6.7	6.0	6.1	
RAMBO	5.7	3.7	4.7	6.7	6.3	7.3	5.7	7.0	6.3	5.0	6.0	3.7	6.7	7.0	7.3	6.7	5.3	5.7	7.7	6.3	6.7	4.7	5.7	8.3	5.7	5.7	6.1	
B3-171	6.3	6.0	7.0	6.3	6.0	5.7	5.3	7.0	5.7	4.7	6.0	3.3	6.3	6.3	6.7	4.3	5.0	8.0	7.0	6.7	7.0	6.0	5.3	7.7	6.3	6.0	6.1	
PST-161	6.7	4.0	5.7	6.7	6.7	7.3	4.3	6.7	5.7	4.7	6.0	5.0	6.0	7.0	7.0	5.7	4.0	6.3	7.3	5.3	7.0	5.7	7.7	7.7	6.7	5.0	6.1	
A97-1330	7.0	6.3	4.7	6.0	5.3	6.3	5.3	7.0	6.0	5.0	6.0	4.3	7.0	6.0	6.0	4.3	4.7	7.0	7.0	7.0	6.3	6.3	6.0	8.0	6.3	6.0	6.1	
SHOWCASE	7.0	5.7	6.0	6.3	5.7	6.7	4.0	6.7	6.0	4.0	5.3	4.0	6.7	6.3	6.7	4.3	4.7	6.7	7.0	6.7	6.3	5.7	7.0	8.3	6.3	6.0	6.0	
BRILLIANT	6.3	6.3	5.3	6.7	5.3	6.0	4.0	7.0	6.0	4.3	6.3	4.7	6.0	6.3	6.7	4.3	4.0	7.0	7.0	6.3	6.3	5.7	7.0	8.0	5.7	6.0	5.9	
SRX QG245	6.0	6.3	3.0	7.0	6.3	5.3	3.7	7.0	6.0	4.0	5.7	5.3	6.0	7.0	7.0	6.0	4.7	5.7	7.3	6.0	7.0	6.3	6.3	7.0	7.0	5.7	5.9	
UNIQUE	6.0	5.3	6.3	6.7	5.3	7.0	4.7	6.7	6.0	4.7	5.3	4.0	7.0	6.3	7.0	3.3	4.7	6.3	7.7	6.3	6.3	5.3	6.7	8.0	6.0	5.7	5.9	
MARQUIS	7.0	5.0	6.0	6.7	5.7	6.7	5.0	6.0	6.0	4.7	6.0	5.0	6.7	7.3	6.7	4.3	3.7	6.0	7.0	5.7	6.7	7.0	4.0	8.0	6.3	5.0	5.9	
GOLDRUSH	6.3	5.7	3.7	6.3	6.3	7.3	5.3	5.7	6.0	5.7	5.3	5.7	6.3	6.7	6.7	5.3	4.0	7.0	7.0	6.0	6.7	6.3	4.7	7.0	6.0	5.0	5.9	
ROYCE (A98-304)	7.0	6.0	5.0	6.0	4.7	6.3	5.0	7.0	6.3	5.0	5.7	4.3	6.7	6.3	7.0	3.3	5.0	7.0	7.0	6.0	6.7	5.0	6.0	7.7	6.0	6.0	5.9	
PST-H6-150	6.3	6.0	7.0	6.0	5.0	6.0	5.0	6.0	5.7	4.0	5.3	4.3	6.7	6.7	7.3	4.3	4.0	6.3	7.0	5.7	7.0	5.3	6.7	8.3	6.3	5.3	5.9	
BAR PP 0471	6.0	5.0	5.7	6.3	5.3	6.0	5.3	6.7	6.0	4.0	5.7	4.3	6.7	6.3	7.3	3.7	3.7	6.7	7.3	6.7	6.3	5.7	7.7	7.7	5.7	5.7	5.9	
H92-203	6.0	5.0	7.0	6.3	5.7	6.3	4.0	7.0	6.0	5.0	5.7	4.0	6.7	6.0	7.0	3.3	4.7	5.7	7.0	6.3	6.0	6.0	6.7	8.0	6.3	5.3	5.9	
SHAMROCK	6.0	4.7	2.0	6.7	6.7	7.7	4.7	7.0	6.0	4.0	6.0	5.0	6.0	5.7	8.3	7.3	4.7	7.0	7.0	4.7	6.7	5.3	6.0	6.3	6.7	5.0	5.9	
PP H 7929	6.0	4.7	5.0	6.0	6.7	7.3	6.0	7.0	6.0	4.7	5.3	4.7	6.3	6.3	6.7	5.0	5.0	5.3	7.0	6.0	6.0	6.0	5.0	7.3	6.7	5.0	5.9	
BARTITIA	6.7	4.3	5.0	6.0	6.0	7.0	4.3	7.0	6.0	4.3	5.7	5.0	6.3	7.0	7.3	5.7	3.7	6.3	7.0	6.3	6.7	5.3	4.0	7.3	6.0	6.0	5.9	
PST-108-79	7.0	4.7	6.0	6.0	5.3	7.0	4.3	6.7	6.0	4.3	5.7	5.0	6.7	6.3	7.3	4.7	3.3	5.7	7.0	6.0	6.3	6.0	6.0	7.7	7.7	5.7	5.0	5.9
DLF 76-9032	7.7	5.3	2.7	7.0	5.3	4.7	4.3	6.3	6.0	5.0	5.7	6.3	7.0	6.7	6.7	4.7	3.0	7.0	7.0	6.7	7.0	5.0	5.0	7.0	7.0	6.0	5.8	
JULIA	6.3	3.0	3.7	6.0	6.0	7.0	5.3	7.0	6.0	4.7	5.0	5.0	7.0	6.7	6.3	6.3	4.0	4.7	7.0	6.3	7.0	4.7	7.0	7.0	7.0	5.7	5.8	
BAR PP 0468	6.3	5.3	5.0	6.0	5.0	6.0	5.0	6.3	6.0	4.7	5.7	4.3	7.0	6.3	6.7	3.7	5.0	6.7	7.3	6.7	6.0	5.3	7.0	7.0	5.7	5.7	5.8	
B4-128A	6.0	3.7	7.7	6.3	5.3	7.0	5.0	7.0	6.0	5.0	6.0	4.7	6.7	6.3	7.0	4.3	4.7	5.3	7.3	5.0	6.7	5.3	6.3	7.3	4.0	5.3	5.8	
ENVICTA	7.0	4.3	6.0	6.0	5.7	6.3	5.0	6.0	6.3	4.7	6.0	5.3	6.3	6.3	6.0	4.7	4.0	6.3	7.0	6.0	7.0	5.7	4.7	7.3	6.0	5.3	5.8	
DLF 76-9036	6.7	4.0	5.0	6.0	6.3	7.3	4.3	6.3	6.0	4.7	5.7	5.0	6.3	7.0	7.0	4.3	3.7	6.7	7.3	5.7	7.0	6.3	4.3	7.0	6.3	4.7	5.8	
A98-881	7.0	4.3	3.0	6.3	6.0	7.3	5.3	7.0	6.0	4.3	6.0	4.3	6.0	6.7	7.0	6.3	4.7	4.7	7.0	4.7	7.0	6.3	5.7	6.3	6.3	5.0	5.8	
CABERNET	6.3	4.7	1.7	6.3	4.7	6.7	5.0	7.0	6.0	4.3	5.7	4.3	7.0	6.3	6.7	5.7	4.0	5.7	7.3	6.0	7.0	5.7	6.3	7.3	7.0	5.7	5.8	
RAVEN	7.0	5.0	3.7	6.0	5.7	6.3	4.3	6.7	6.0	5.0	5.7	4.7	6.7	7.0	6.7	4.7	2.7	6.7	7.0	6.0	6.7	6.0	5.3	8.0	5.7	5.0	5.8	
A98-139	6.7	3.0	5.7	6.7	6.0	7.0	3.7	6.3	6.0	5.3	5.3	5.0	6.7	5.3	6.0	5.0	4.3	5.7	7.7	6.0	7.0	5.7	5.3	7.7	6.0	5.0	5.8	
SERENE	7.0	4.7	5.7	6.3	5.7	7.0	4.0	7.0	6.0	4.7	6.0	5.3	6.3	6.0	5.7	4.7	4.0	6.3	7.0	5.3	6.0	5.7	4.0	7.3	6.3	6.0	5.8	
PP H 6370	6.3	4.3	2.3	6.3	5.7	8.3	5.0	6.7	6.0	4.7	5.3	5.0	6.3	6.7	6.0	5.3	4.0	5.3	6.7	6.0	6.0	6.0	6.7	7.3	6.3	5.0	5.8	
ALPINE	6.7	6.0	3.3	6.3	6.0	4.7	3.7	7.0	6.0	5.3	5.7	4.3	7.7	6.3	6.7	5.7	3.3	6.0	7.0	7.0	6.3	5.7	4.3	6.0	6.7	5.3	5.7	

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TABLE 12. (CONT'D)

GENETIC COLOR RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

GENETIC COLOR RATINGS 1-9; 9=DARK GREEN 2/

NAME	IA1	IL2	IL3	IN1	KS2	KY1	MA1	MD1	MI1	MI2	MN1	MO1	NC1	NE1	NE2	NJ1	NJ2	OH1	OK1	PA1	SD1	UT1	VA1	WA1	WA3	WI1	MEAN
BARIRIS	6.7	1.3	5.0	6.0	6.7	7.0	4.7	6.7	6.0	4.7	5.7	4.7	5.7	7.0	7.0	5.7	4.3	4.3	7.3	5.7	7.0	6.0	4.7	7.7	5.7	5.3	5.7
HV 238	5.3	3.0	3.0	6.7	6.7	7.0	4.0	7.0	6.0	5.0	6.0	4.3	7.3	7.0	6.0	6.7	4.0	4.0	7.0	5.3	7.0	5.7	6.0	7.7	5.7	5.0	5.7
ABBEY	7.3	4.0	4.0	6.3	5.7	7.0	5.0	6.0	6.0	4.7	5.3	5.0	5.3	7.0	6.7	4.7	3.3	6.7	7.0	5.3	6.7	6.0	5.0	6.7	6.0	5.3	5.7
BROOKLAWN	6.0	3.7	2.3	6.3	6.7	6.7	4.7	6.7	5.7	5.0	6.3	5.0	6.0	6.0	6.7	6.7	4.3	5.0	7.0	5.3	7.3	5.0	4.7	7.3	6.3	5.0	5.7
BARON	6.3	4.7	5.0	6.3	6.3	7.0	3.7	6.0	6.0	5.0	5.7	4.7	6.0	6.7	7.0	4.7	3.3	5.3	7.0	5.7	6.3	6.3	4.7	7.0	6.0	5.0	5.7
CHELSEA	5.7	3.3	4.0	6.3	5.0	6.7	6.0	6.7	6.0	4.7	5.0	4.3	6.0	6.0	6.7	5.7	3.7	6.0	7.0	5.7	6.3	6.0	6.7	6.7	5.7	5.3	5.7
A97-857	7.3	2.7	7.0	6.0	4.0	6.7	5.3	6.3	6.0	4.7	5.3	3.7	6.7	5.7	6.3	5.3	3.0	5.0	7.7	5.3	5.7	5.3	6.0	7.0	6.3	5.0	5.6
BARITONE	6.0	1.7	4.0	6.3	6.0	5.7	4.7	6.7	6.0	4.7	5.7	4.7	5.7	7.0	6.7	5.0	5.0	5.0	7.3	5.7	6.7	5.7	4.0	8.0	5.7	6.0	5.6
CHAMPAGNE	6.0	4.0	3.3	6.7	5.0	7.0	5.0	6.7	6.3	4.0	5.3	3.3	6.3	6.0	7.7	6.0	4.3	4.0	7.7	6.0	6.3	6.0	6.0	6.7	5.3	4.3	5.6
A98-1028	6.7	2.7	4.0	6.3	6.3	7.0	4.7	7.0	6.0	4.3	5.3	4.7	5.7	5.7	6.7	5.3	4.7	4.3	7.0	5.3	7.3	5.3	5.7	6.3	5.7	5.0	5.6
99AN-53	5.3	4.3	2.3	7.0	6.7	7.0	3.7	7.0	6.0	5.0	5.3	4.3	5.3	5.0	7.3	5.7	4.7	5.3	7.3	5.0	6.7	5.7	5.3	7.0	6.0	4.3	5.6
JEWEL	6.0	3.0	6.0	6.7	6.0	7.0	4.3	6.3	6.0	5.3	5.3	3.7	6.3	5.0	7.7	4.3	3.7	4.0	7.0	5.3	6.7	5.3	6.7	7.0	5.0	4.7	5.6
LILY	6.7	4.7	5.0	6.0	5.7	7.3	3.3	7.0	6.0	5.3	5.7	4.7	6.3	5.3	5.0	4.7	3.0	5.3	7.0	5.0	5.0	5.3	5.7	7.7	6.3	5.0	5.5
LIMOUSINE	7.0	3.3	3.7	6.3	4.7	6.7	5.3	7.0	6.0	5.0	5.7	4.3	7.0	6.0	6.7	4.7	3.7	5.0	7.3	5.0	6.3	5.3	4.3	7.3	5.3	5.0	5.5
B5-43	6.0	3.7	6.7	6.0	5.3	6.7	3.7	7.0	6.0	5.0	5.7	4.3	7.0	5.3	5.3	5.0	4.0	6.3	7.0	4.7	5.7	5.7	4.3	7.7	4.7	5.0	5.5
B5-45	6.0	3.7	6.3	6.0	5.0	7.3	3.7	7.0	6.0	5.0	5.0	5.0	6.7	5.3	7.3	4.3	3.3	5.3	7.0	4.3	5.3	5.7	5.0	7.0	6.0	5.0	5.5
COVENTRY	6.7	4.0	5.3	5.7	5.0	7.0	4.3	7.0	6.0	4.3	6.0	4.7	5.7	5.3	6.7	4.7	3.0	6.0	7.0	4.0	5.0	5.7	5.7	7.7	6.0	5.0	5.5
ALLURE	6.0	3.3	5.0	6.0	5.7	7.3	3.0	7.0	6.0	3.7	5.7	5.0	6.3	5.3	6.7	5.0	3.7	6.3	7.0	4.7	6.0	5.3	5.0	7.7	5.7	5.0	5.5
BARZAN	5.3	4.0	6.0	6.0	6.0	5.0	5.7	5.7	6.0	4.7	5.3	4.3	6.7	6.7	7.7	3.7	2.0	4.3	7.3	5.7	6.0	6.0	5.3	7.0	6.0	5.0	5.5
MISTY	6.0	4.3	4.0	6.3	5.3	6.7	4.3	5.7	6.0	4.0	5.7	5.0	7.0	6.3	6.7	3.3	3.3	6.3	7.3	5.3	7.0	5.0	4.7	7.3	6.0	4.3	5.5
PST-1804	6.0	3.0	3.0	6.0	5.3	7.0	5.3	7.0	6.3	5.3	5.7	4.7	5.7	5.7	6.3	5.7	3.7	5.3	7.0	4.7	7.0	5.3	5.0	6.3	5.7	5.0	5.5
LAKESHORE (A93-200)	5.3	2.3	2.3	6.3	5.3	6.7	4.7	7.0	6.0	4.7	5.3	4.7	5.7	6.0	7.0	6.0	4.7	4.0	7.0	4.7	7.0	6.0	5.7	7.7	5.7	5.0	5.5
CHATEAU	6.0	3.0	5.0	6.0	6.3	6.7	4.0	7.0	6.0	4.3	6.0	4.3	5.7	5.0	6.3	5.3	3.7	6.0	7.0	4.3	5.3	5.7	5.0	7.7	5.7	5.0	5.5
PP H 6366	7.0	4.7	1.7	6.0	5.3	6.7	5.3	7.0	6.0	4.0	5.0	5.3	6.3	6.7	7.7	5.3	3.3	4.7	7.0	4.0	5.7	6.0	5.3	6.7	4.7	5.0	5.5
LIMERICK	6.3	5.3	3.7	6.0	5.3	6.3	3.0	6.7	6.0	5.0	5.3	4.0	5.7	6.0	6.3	4.7	3.3	5.7	7.0	4.0	6.0	6.0	6.0	5.7	7.0	5.0	5.4
B5-144	6.0	3.3	4.0	6.0	4.7	7.0	3.7	7.0	6.0	4.3	5.7	5.0	6.7	5.3	6.0	5.0	3.3	5.0	7.3	5.0	5.7	5.3	5.3	7.3	5.7	5.0	5.4
JEFFERSON	5.7	2.3	5.0	6.3	5.3	6.7	3.7	7.0	5.7	4.3	5.7	3.0	6.7	6.0	6.7	4.7	4.0	3.3	7.0	5.0	6.7	5.3	6.3	6.0	6.3	5.0	5.4
JULIUS	6.3	3.3	3.0	6.0	4.3	6.7	5.3	7.0	5.7	4.7	4.7	4.3	7.0	6.7	7.0	4.3	2.7	5.0	7.0	5.0	5.7	5.0	5.7	7.3	4.0	5.7	5.4
AVALANCHE (PST-1701)	6.0	1.0	3.3	6.0	5.0	6.7	4.0	7.0	6.0	4.7	6.0	4.0	5.7	6.3	6.3	5.0	4.0	3.3	7.0	4.7	6.0	5.7	6.7	6.3	6.3	5.0	5.3
FAIRFAX	6.3	3.7	4.0	6.0	5.7	6.7	3.0	7.0	6.0	4.0	5.7	4.7	5.3	5.7	6.3	5.3	3.0	4.7	7.0	4.3	6.0	5.3	4.3	7.3	5.3	5.0	5.3
BH 00-6002	5.7	3.0	4.3	6.0	5.0	6.3	4.0	6.3	6.0	5.0	5.7	3.3	5.3	6.0	6.7	4.3	3.0	3.3	7.0	5.0	6.0	6.0	5.0	6.3	6.7	4.7	5.2
BARONIE	5.0	2.3	5.0	6.3	5.7	6.3	3.0	6.7	6.0	4.3	6.0	3.7	5.7	5.3	5.7	4.7	4.3	3.7	7.0	4.7	6.3	5.3	6.0	6.0	5.7	5.0	5.2
A96-742	6.3	3.0	3.3	6.3	5.0	6.7	3.7	5.7	5.7	4.7	5.3	3.3	5.7	5.7	6.7	2.0	3.0	4.0	7.0	6.0	6.0	5.3	6.3	6.3	6.0	5.3	5.2
WELLINGTON	4.3	2.0	6.3	6.0	4.0	6.7	3.7	6.0	6.0	4.3	5.0	3.7	6.0	5.0	7.0	2.7	3.0	2.7	7.0	6.0	6.0	5.7	6.0	6.3	5.3	5.3	5.1
WASHINGTON	5.0	1.0	4.0	6.0	4.3	6.3	4.0	6.0	6.0	5.3	5.7	3.0	6.7	5.3	5.3	3.7	2.7	2.7	7.0	4.7	6.3	5.3	6.0	6.3	6.0	5.0	5.0
KENBLUE	5.0	2.7	6.7	6.3	4.0	6.3	3.7	5.3	6.0	4.7	5.0	3.3	6.0	5.0	6.0	2.0	1.3	3.0	6.7	6.0	5.7	5.3	5.0	5.7	6.3	5.7	4.9
DLF 76-9034	6.0	1.3	6.0	6.0	5.0	5.0	3.0	6.3	6.0	4.7	5.0	3.0	5.3	5.0	5.7	3.3	3.7	3.3	7.0	5.3	6.3	4.3	5.0	5.0	5.7	5.0	4.9
EAGLETON	6.0	2.7	3.0	5.7	4.0	6.0	3.3	5.7	6.0	4.7	5.0	4.0	5.7	6.0	6.0	2.7	2.3	4.7	7.0	5.0	4.7	4.7	5.3	6.3	6.0	5.0	4.9
GO-9LM9	4.7	2.3	2.3	6.7	4.3	4.3	5.3	6.0	6.0	4.7	5.3	2.7	5.7	5.0	6.0	2.0	2.0	3.7	6.7	6.0	5.7	5.7	5.0	6.3	5.7	5.7	4.8
LSD VALUE	1.2	1.3	2.1	0.7	1.0	1.9	1.3	0.7	0.5	1.0	0.8	1.2	1.2	1.0	1.3	1.4	1.5	1.5	0.8	1.0	0.9	1.4	1.6	1.1	1.0	0.6	0.2
C.V. (%)	10.7	13.5	24.5	6.1	9.1	17.4	14.9	6.0	4.8	13.5	8.4	14.9	10.9	8.6	11.6	14.7	18.0	14.2	6.8	9.6	8.2	15.2	16.1	9.2	9.8	7.1	12.0

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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 12. 2000 NTEP, 2002 data.

TABLE 14. TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL2	IN1	KS2	MA1	MD1	MN1	NC1	NJ1	NJ2	NY1	OH1	OK1	PA1	SD1	UT1	WA1	WA3	MEAN
KENBLUE	8.7	8.3	7.0	9.0	7.0	8.0	5.3	6.0	7.3	8.7	6.7	7.0	8.0	5.7	6.7	6.7	8.3	6.3	7.3
PP H 6366	7.3	5.7	6.7	7.0	7.7	8.0	6.7	7.3	7.7	7.7	7.3	5.3	7.0	8.7	6.3	5.7	7.3	8.3	7.1
PP H 6370	7.7	8.3	6.7	7.3	7.3	7.7	6.7	6.7	7.0	7.3	7.0	6.0	7.0	7.0	6.3	5.7	7.7	8.0	7.1
A97-857	7.0	6.3	6.7	8.7	6.3	7.7	6.7	7.0	6.0	8.5	7.0	6.0	7.7	7.3	7.3	5.3	7.3	8.0	7.0
B4-128A	6.3	8.0	6.3	6.3	7.7	8.0	6.0	6.3	8.3	8.0	7.0	5.7	7.0	8.0	6.7	5.0	6.7	8.0	7.0
CHELSEA	8.0	7.7	7.0	7.3	6.7	7.3	6.7	6.3	6.3	8.0	7.0	5.7	7.0	7.7	6.3	5.0	7.0	7.7	6.9
ALPINE	7.7	5.7	6.3	6.0	7.3	7.0	6.7	6.0	7.3	7.7	7.3	6.3	7.0	7.0	6.0	5.0	7.7	7.7	6.8
SRX 26351	7.0	5.7	7.0	7.0	6.7	7.7	6.3	5.7	6.3	7.3	7.3	6.0	7.0	7.0	7.0	5.3	7.7	7.3	6.7
WELLINGTON	8.3	6.0	7.0	8.3	6.3	7.0	5.7	6.7	4.7	7.3	6.7	7.0	7.0	6.0	6.3	5.7	8.0	6.7	6.7
WASHINGTON	8.3	5.0	6.7	7.7	6.0	7.0	6.0	6.0	5.0	7.0	7.0	6.7	7.0	7.0	7.0	6.0	7.0	7.0	6.6
A97-1330	6.7	7.7	6.0	6.3	7.0	7.0	6.3	5.7	7.0	7.0	6.7	5.7	7.0	7.7	6.7	5.0	6.3	7.3	6.6
DLF 76-9032	7.3	8.7	6.3	6.0	7.3	7.0	6.7	5.7	6.0	7.0	7.0	6.0	7.0	7.0	6.0	5.0	6.7	6.3	6.6
PST-108-79	7.0	7.7	7.0	6.3	7.7	7.0	6.7	6.0	5.3	6.7	6.7	5.7	7.0	7.0	6.0	5.3	7.7	6.3	6.6
MOON SHADOW (PICK 113-3)	7.0	8.7	6.0	6.3	6.3	6.7	6.7	6.0	6.3	6.7	7.0	6.0	6.7	7.7	6.3	5.0	6.0	7.0	6.6
AVALANCHE (PST-1701)	7.3	6.7	6.3	6.3	7.3	7.0	6.0	5.7	7.7	7.0	6.7	5.7	7.0	6.7	6.3	5.7	6.3	6.3	6.6
BAR PP 0471	7.0	8.3	6.0	6.0	6.3	6.7	6.0	6.0	6.3	6.3	6.7	6.0	6.7	7.0	7.0	5.7	6.0	7.7	6.5
JULIUS	6.0	6.3	6.3	6.0	6.7	8.0	7.0	5.7	7.3	6.3	6.7	5.7	7.0	7.0	6.3	5.0	6.7	7.3	6.5
LANGARA	7.0	6.7	5.7	5.3	7.0	7.0	6.7	5.3	7.3	7.3	6.7	5.7	6.7	7.7	6.7	5.0	6.3	7.0	6.5
J-2890	6.7	7.0	6.0	5.7	7.7	7.0	6.0	6.3	6.3	6.3	7.0	6.0	7.0	7.0	6.3	5.0	7.0	6.7	6.5
GO-9LM9	8.7	3.7	6.3	7.7	6.0	7.3	5.7	5.0	4.7	7.0	7.0	6.7	7.7	6.0	7.0	6.3	8.0	6.0	6.5
ROYCE (A98-304)	6.7	7.7	6.0	5.7	7.0	7.0	6.3	6.0	6.7	6.0	6.3	5.7	6.7	7.7	6.3	5.3	6.7	7.0	6.5
WILDWOOD	7.0	5.3	6.3	6.7	6.3	7.0	6.0	6.7	6.0	6.7	6.7	6.0	6.7	7.0	6.7	5.3	7.0	7.3	6.5
BRILLIANT	7.0	8.7	6.3	6.0	7.0	7.0	6.0	6.0	6.7	6.0	6.3	5.0	7.0	7.0	6.0	5.3	6.3	7.0	6.5
NORTH STAR	7.0	7.0	6.0	6.0	7.0	7.0	6.7	6.3	5.7	7.0	7.0	5.7	7.0	7.0	5.7	5.0	6.7	6.3	6.4
APOLLO	7.0	8.3	6.0	5.7	7.0	7.0	6.0	6.3	5.7	6.3	6.3	5.7	7.0	7.3	6.3	5.0	6.3	6.7	6.4
PST-B5-125	7.0	7.3	6.0	6.3	6.7	7.0	6.7	6.0	5.7	6.0	7.0	6.0	6.7	7.3	5.3	5.0	7.0	7.0	6.4
H92-203	6.0	8.0	6.0	5.7	6.3	7.0	6.3	5.7	6.7	6.7	6.7	5.7	6.7	7.3	6.7	5.7	6.0	6.7	6.4
HALLMARK	7.0	6.0	6.0	6.3	6.7	7.0	6.3	6.3	6.3	6.7	6.7	6.0	6.7	7.3	6.0	5.0	6.3	7.0	6.4
HV 140	7.7	6.7	6.0	7.3	6.0	7.0	6.3	5.7	5.7	7.3	7.0	5.7	7.0	6.7	6.0	5.0	6.3	6.0	6.4
DLF 76-9037	6.3	7.0	6.0	6.0	6.3	7.0	6.7	6.3	6.0	6.0	6.7	5.7	6.7	7.3	6.7	5.0	6.0	7.3	6.4
MIDNIGHT II (A98-739)	6.7	7.0	5.7	6.7	7.7	6.3	5.7	6.0	6.7	6.3	7.0	5.3	7.0	7.0	6.0	5.0	6.7	6.3	6.4
PST-H6-150	6.7	8.3	6.0	6.3	6.0	7.0	6.3	6.0	6.7	6.0	6.7	5.3	6.7	7.0	6.7	5.0	6.0	6.3	6.4
BAR PP 0468	6.3	7.3	6.3	6.3	7.0	7.0	6.3	6.0	6.3	5.3	6.3	5.0	6.7	7.3	6.7	5.7	6.0	6.3	6.4
BEYOND (J-1880)	6.7	7.3	5.7	6.0	7.0	6.0	7.0	6.0	6.0	6.0	7.0	5.3	7.0	7.0	6.0	5.7	6.3	6.3	6.4
VOYAGER II (PST-1QG-27)	5.7	7.3	6.0	5.7	7.0	7.0	6.0	5.3	6.3	6.7	7.0	5.3	7.0	7.0	7.3	5.0	6.0	6.7	6.4
B3-185	6.3	7.0	6.0	6.0	6.7	7.0	6.3	6.3	6.0	6.3	6.3	5.7	6.7	6.7	7.0	5.0	6.0	6.7	6.3
ODYSSEY	7.0	6.7	6.0	5.7	6.7	7.0	6.0	6.0	6.0	6.3	6.7	6.0	6.7	7.0	6.0	5.0	6.3	7.0	6.3
PST-B4-246	7.0	6.7	6.0	5.7	6.7	7.0	6.3	6.0	5.7	6.7	6.7	5.7	6.3	7.0	6.0	5.0	7.0	6.7	6.3
GINNEY (J-1368)	7.0	7.3	5.7	6.0	7.7	6.0	6.0	5.7	6.0	6.3	6.7	5.3	7.0	7.0	6.0	5.3	6.0	7.0	6.3
TSUNAMI (J-2487)	7.0	6.7	6.0	6.0	7.0	6.0	6.3	6.3	6.3	6.0	6.7	5.7	6.7	7.0	6.0	5.0	6.3	6.7	6.3
NU DESTINY (J-2695)	6.7	6.3	6.0	6.0	7.3	6.7	5.7	6.3	6.3	6.3	6.7	5.7	6.7	7.0	5.3	5.0	6.3	7.3	6.3
NUGLADE	7.0	6.0	6.0	6.0	7.0	6.3	6.3	5.7	6.0	6.3	7.0	6.0	7.0	7.0	6.0	5.3	6.0	6.7	6.3
SRX 27921	6.7	3.3	6.0	7.0	5.7	6.7	7.0	5.7	5.7	6.7	7.3	5.7	6.7	6.7	7.0	5.0	7.3	7.7	6.3
AWESOME (J-1420)	7.0	6.0	6.0	6.0	6.7	6.0	6.7	5.7	6.3	6.0	7.3	5.7	7.0	7.0	6.0	5.0	6.3	6.7	6.3

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Table 12.

TABLE 14. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL2	IN1	KS2	MA1	MD1	MN1	NC1	NJ1	NJ2	NY1	OH1	OK1	PA1	SD1	UT1	WA1	WA3	MEAN
EVERGLADE	6.3	5.7	5.7	6.0	7.0	6.3	6.0	6.3	6.0	6.3	7.0	5.7	7.0	7.0	6.0	5.0	6.3	7.7	6.3
FREEDOM II	7.3	6.0	6.0	6.7	6.7	7.0	6.0	6.3	5.3	6.3	6.7	5.0	7.0	6.7	6.0	5.3	6.0	7.0	6.3
B3-171	6.3	7.3	6.0	5.7	6.3	7.0	6.3	6.0	5.7	6.0	6.3	5.7	7.0	7.0	6.3	5.0	6.0	7.3	6.3
J-1513	6.7	6.3	6.0	6.7	7.3	6.3	6.0	5.7	6.7	7.0	6.7	5.3	6.7	7.0	6.0	5.0	6.0	6.0	6.3
CABERNET	7.0	6.7	6.7	6.0	6.3	6.7	6.3	6.7	6.0	6.7	6.3	5.3	6.7	6.3	6.3	5.0	6.0	6.3	6.3
PRO SEEDS - 453	7.0	5.3	6.0	5.7	7.0	7.0	6.0	5.3	6.3	6.3	6.7	5.0	7.0	7.0	6.3	5.0	6.3	7.7	6.3
BARRISTER (J-1655)	7.0	6.3	6.0	6.0	6.7	6.0	6.3	5.7	6.7	6.3	7.0	5.3	7.0	7.0	6.0	5.0	6.3	6.3	6.3
SHOWCASE	6.0	6.3	6.0	6.7	6.7	6.7	6.3	6.7	6.3	6.0	6.3	5.3	7.0	7.0	6.3	5.0	6.0	6.3	6.3
J-2885	6.3	7.0	6.0	6.3	7.0	6.3	6.0	6.3	5.0	5.7	6.7	5.7	7.0	7.0	6.0	5.0	6.7	6.7	6.3
BLUESTONE (PST-731)	6.7	6.0	6.0	6.7	7.0	6.3	5.7	6.0	6.0	5.7	6.7	5.0	7.0	7.0	6.7	5.0	6.3	6.7	6.2
UNIQUE	6.3	5.7	6.0	6.0	7.0	7.0	6.7	5.7	6.7	6.0	6.3	5.7	6.7	6.7	6.3	5.0	6.0	6.7	6.2
JEFFERSON	7.3	5.0	6.0	6.0	6.3	7.0	6.0	6.3	6.3	5.7	6.7	6.0	7.0	6.3	6.3	5.3	6.3	6.3	6.2
J-2561	7.0	5.3	6.0	6.0	6.7	6.0	6.0	5.7	5.7	6.3	6.7	6.0	7.0	7.0	6.0	5.0	7.0	6.7	6.2
PP H 7929	7.0	4.0	6.0	5.7	6.7	7.3	6.0	5.7	5.3	6.3	6.7	6.0	7.0	7.0	6.7	5.0	6.3	7.3	6.2
AWARD	6.3	6.7	5.7	6.0	6.7	7.0	6.0	6.0	6.0	5.3	6.7	5.7	7.0	7.0	5.7	5.0	6.3	6.7	6.2
IMPACT	7.0	5.7	5.7	5.7	6.7	6.3	6.0	6.0	6.0	6.3	6.7	6.0	6.7	7.0	6.0	5.0	7.0	6.0	6.2
EXCURSION (J-1648)	6.3	7.0	6.0	6.0	7.0	6.7	6.3	6.0	5.7	6.0	7.0	5.7	7.0	7.0	5.0	5.0	6.0	6.0	6.2
SRX 2394	6.7	6.0	6.0	5.3	6.7	7.0	6.0	5.3	6.7	6.0	7.3	5.0	7.0	7.0	6.7	5.0	5.3	6.7	6.2
A98-1028	6.7	6.0	6.0	5.7	6.7	6.7	6.0	6.3	5.7	6.3	7.0	5.3	6.3	7.0	6.0	5.0	6.0	7.0	6.2
LIMOUSINE	7.0	3.7	6.3	6.0	6.7	7.3	6.7	6.3	6.3	5.7	7.0	5.0	7.0	7.3	6.3	5.0	6.0	6.0	6.2
TOTAL ECLIPSE	7.0	7.3	5.7	5.0	6.3	6.3	6.0	6.0	6.0	6.0	6.3	5.7	7.0	7.0	5.7	5.0	6.7	6.3	6.2
ROYALE (A97-1336)	6.3	4.3	5.7	5.7	7.0	7.0	6.0	5.7	6.3	6.7	6.7	5.3	7.0	7.0	6.7	5.0	6.3	6.7	6.2
RUGBY II	6.7	5.7	6.0	6.0	7.0	6.3	6.0	6.0	5.7	6.0	7.0	5.7	7.0	7.0	5.7	5.0	6.0	6.3	6.2
PST-B3-170	7.0	6.0	6.0	5.3	7.0	6.3	6.0	5.7	5.0	6.0	6.3	5.7	7.0	6.7	6.7	5.0	6.3	7.0	6.2
A97-1715	6.7	6.7	6.0	6.0	6.0	6.3	6.0	6.7	5.7	6.3	6.0	5.3	7.0	7.0	6.0	5.0	6.0	6.0	6.1
J-1838	6.7	3.7	5.7	6.0	7.0	6.7	6.0	6.0	6.0	6.0	7.3	5.3	7.0	7.0	6.0	5.0	6.7	6.7	6.1
ARCADIA	7.0	6.7	6.0	5.3	7.0	6.0	5.7	6.0	6.0	6.0	7.0	5.0	7.0	7.0	6.0	5.0	6.0	6.0	6.1
A98-881	6.7	3.3	6.0	6.0	6.3	6.3	6.0	6.3	6.0	6.7	6.7	5.3	7.0	7.0	6.7	5.0	6.0	7.0	6.1
BLACKSTONE	7.0	6.0	6.3	5.3	6.0	7.0	6.0	5.7	7.0	5.3	6.7	5.7	6.7	6.3	6.0	5.0	6.0	6.3	6.1
UNKNOWN	7.0	4.7	6.0	6.0	7.0	6.3	6.0	5.7	6.0	6.3	6.0	5.7	7.0	7.0	6.0	5.0	6.7	6.0	6.1
CHAMPAGNE	6.7	4.0	5.7	6.0	6.7	7.0	6.0	6.3	5.7	5.7	7.0	5.7	7.0	7.3	6.3	5.3	5.3	6.7	6.1
SRX QG245	8.0	2.7	6.7	5.7	6.7	7.0	6.0	5.3	5.3	6.0	7.0	5.7	7.0	6.3	5.3	5.7	7.0	6.7	6.1
EVEREST	7.3	4.7	5.7	5.7	6.7	6.0	6.0	5.7	5.0	6.7	7.3	5.0	7.0	7.0	6.3	5.0	6.3	6.7	6.1
SR 2284 (SRX 2284)	6.0	6.0	5.7	6.0	6.0	7.0	6.3	5.7	6.0	5.7	6.3	5.0	7.0	7.3	6.3	5.0	5.7	7.0	6.1
SRX 2114	7.0	6.3	6.0	5.7	6.3	6.7	6.3	5.7	5.0	5.7	6.3	6.0	6.7	7.0	5.3	5.0	6.3	6.3	6.1
LAKESHORE (A93-200)	6.3	4.7	6.0	5.7	6.7	7.0	5.7	5.7	6.0	6.3	6.7	5.0	6.0	7.0	5.7	5.7	6.0	7.3	6.1
BLUE KNIGHT	6.3	3.7	6.3	6.0	7.0	7.0	6.0	5.0	6.3	6.7	6.7	5.3	7.0	7.0	6.7	5.0	6.3	4.7	6.1
BODACIOUS	6.7	5.3	6.3	6.7	6.3	7.0	6.3	5.3	4.3	5.0	6.7	5.3	7.0	6.7	6.7	5.3	6.0	6.0	6.1
QUANTUM LEAP	7.0	4.7	5.7	6.0	6.3	6.7	6.3	6.0	5.7	5.3	6.7	5.3	7.0	7.0	6.0	5.0	6.0	6.3	6.1
PERFECTION (J-1515)	6.7	5.0	5.7	5.3	7.3	6.0	6.0	6.0	6.3	5.7	6.3	5.3	7.0	7.0	6.0	5.0	6.0	6.3	6.1
CVB-20631	6.7	2.3	6.3	5.7	6.0	7.0	6.3	5.3	6.3	6.3	6.7	5.7	7.0	7.0	5.7	5.0	6.7	6.7	6.0
MIDNIGHT	6.0	6.0	6.0	5.3	6.7	6.0	6.0	6.0	6.0	6.3	6.3	5.7	7.0	6.7	5.3	5.0	6.3	6.0	6.0
A96-742	6.7	4.7	6.0	5.3	6.7	7.0	6.3	5.7	5.0	5.7	6.7	6.0	7.0	6.3	6.0	6.3	5.3	6.0	6.0
BORDEAUX	6.3	4.7	6.0	5.3	6.0	7.0	6.0	5.3	6.0	5.7	7.0	5.7	7.0	6.7	6.7	5.0	5.7	6.3	6.0
ASCOT	6.0	5.7	6.0	6.3	6.3	6.7	6.0	5.3	6.3	6.7	6.0	5.0	7.0	7.0	5.3	5.0	5.7	5.7	6.0

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Table 12.

TABLE 14. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL2	IN1	KS2	MA1	MD1	MN1	NC1	NJ1	NJ2	NY1	OH1	OK1	PA1	SD1	UT1	WA1	WA3	MEAN
SONOMA	6.7	5.3	6.0	5.7	6.0	7.0	6.0	5.3	5.7	5.0	6.7	5.0	7.0	7.0	6.3	5.0	5.7	6.7	6.0
JULIA	6.7	5.0	6.0	5.3	6.7	7.0	6.0	5.0	5.7	5.3	6.0	6.0	7.0	6.7	6.0	5.3	6.0	6.3	6.0
PST-1804	6.7	5.0	5.7	6.0	6.3	6.7	6.0	5.7	6.0	6.0	6.3	5.3	6.7	6.7	5.3	5.0	5.7	7.0	6.0
BARZAN	7.7	4.0	6.0	6.0	5.0	6.7	6.0	5.7	5.3	6.3	6.7	5.7	7.0	6.7	5.7	5.0	6.0	6.3	6.0
LIBERATOR	6.7	4.3	5.7	5.7	6.7	6.3	6.0	6.0	6.3	6.0	6.7	5.3	6.0	6.7	6.0	5.0	5.7	6.7	6.0
A97-1432	6.7	6.3	6.0	5.3	6.0	7.0	6.0	5.7	5.3	6.0	6.7	5.3	7.0	6.7	6.0	5.0	5.0	5.7	6.0
HV 238	6.3	7.3	6.0	5.3	6.0	7.0	6.0	6.0	5.7	5.3	6.3	5.3	7.0	6.3	5.3	5.3	5.7	5.3	6.0
BROOKLAWN	7.0	3.3	5.7	5.7	6.3	6.3	6.0	5.7	6.0	6.3	6.7	5.7	7.0	6.3	6.0	5.0	5.7	6.7	6.0
PP H 7832	6.0	4.3	6.0	5.3	7.0	7.0	6.0	5.3	5.7	6.0	6.3	5.0	7.0	7.0	6.0	5.0	6.3	6.0	6.0
CHAMPLAIN (A98-1275)	6.3	5.3	6.0	5.0	6.0	6.7	6.0	5.3	5.7	5.3	6.3	5.0	7.0	7.0	6.0	5.3	6.0	6.7	5.9
RAMBO	7.0	3.7	6.0	6.0	6.0	6.3	6.0	5.3	5.3	5.3	6.7	6.0	7.0	7.0	6.3	5.0	6.0	6.0	5.9
BARTITIA	7.7	4.3	5.7	5.0	6.3	7.0	5.7	6.0	4.7	6.0	6.3	5.3	7.0	6.7	6.0	5.0	6.0	6.3	5.9
PST-YORK HARBOR 4	6.7	5.7	6.3	5.7	6.0	6.0	6.3	5.3	4.0	5.7	6.7	6.0	7.0	6.7	5.7	5.0	6.0	6.0	5.9
BOOMERANG	7.3	5.0	6.0	6.3	6.3	6.0	6.0	6.0	4.7	5.7	6.0	5.0	6.0	6.0	6.0	5.3	6.7	6.3	5.9
SHAMROCK	6.3	4.0	6.0	5.7	6.3	6.7	6.0	5.0	5.7	6.0	6.7	5.0	7.0	7.0	5.0	5.3	6.0	7.0	5.9
PST-H5-35	6.3	5.3	5.7	5.0	6.3	6.0	6.7	5.7	5.0	5.7	6.7	5.0	7.0	6.7	6.0	5.0	6.0	6.3	5.9
LIMERICK	6.7	4.3	6.0	5.7	6.3	7.0	6.0	5.0	3.7	5.3	6.7	6.0	7.0	6.7	6.3	5.0	6.3	6.3	5.9
BA 00-6001	6.3	5.7	6.0	6.0	5.7	6.7	6.0	6.0	5.3	6.3	6.3	5.0	6.3	6.7	6.0	5.0	5.3	5.3	5.9
A97-1409	6.3	6.3	5.7	6.0	6.0	6.0	6.0	5.7	5.7	5.3	7.0	5.3	7.0	7.0	4.7	5.3	5.0	5.3	5.9
BEDAZZLED	6.0	4.3	5.7	5.0	6.7	7.0	5.7	5.3	6.3	6.0	6.3	5.0	7.0	6.3	6.0	5.0	5.7	6.3	5.9
GLENMONT (H94-293)	6.0	5.7	6.0	5.7	6.0	7.0	5.7	5.0	5.3	5.3	6.7	5.0	6.3	7.0	6.0	5.3	5.3	6.3	5.9
PRINCETON 105	6.3	4.0	5.7	4.3	6.0	7.0	6.3	5.7	6.3	5.3	6.7	5.0	7.0	6.3	6.0	5.0	6.0	6.7	5.9
BARONETTE (BA 81-058)	7.0	5.3	6.0	6.0	5.7	6.0	5.3	5.3	5.0	5.7	6.3	5.3	7.0	6.7	5.3	5.0	5.3	6.7	5.8
BARIRIS	6.3	5.0	6.0	5.0	6.3	7.0	6.0	6.0	5.0	5.3	6.0	5.3	7.0	6.7	4.7	5.0	6.3	5.7	5.8
MERCURY (PICK-232)	6.3	5.7	6.0	5.7	5.7	6.0	6.3	6.0	4.7	5.3	6.7	5.3	6.3	6.3	6.7	5.0	5.0	5.7	5.8
PP H 7907	7.7	3.3	6.0	5.7	6.3	6.7	6.0	5.0	4.0	5.0	6.3	5.0	7.0	7.0	6.0	5.0	6.0	6.7	5.8
BARITONE	6.0	5.0	6.0	5.0	6.7	7.0	5.7	5.3	5.0	4.7	6.3	5.3	7.0	7.0	5.3	5.3	5.7	6.3	5.8
ARROW (A97-1567)	6.3	4.7	5.0	5.0	6.7	6.3	6.0	5.3	6.0	5.3	6.7	5.0	7.0	6.7	5.7	5.3	5.7	5.7	5.8
BAR PP 0573	6.3	5.0	6.0	5.3	6.3	7.0	6.0	5.3	5.3	4.7	6.7	5.0	7.0	7.0	5.7	5.0	4.7	6.0	5.8
BOUTIQUE	6.0	5.0	5.7	5.3	6.0	6.7	5.7	5.0	4.7	5.0	7.0	5.3	7.0	7.0	6.0	5.0	5.7	6.3	5.8
GOLDSTAR (A98-296)	6.3	5.7	5.3	5.3	5.7	6.3	6.0	5.0	6.0	5.0	6.7	5.0	7.0	7.0	6.0	5.0	5.0	6.0	5.8
MALLARD (A97-1439)	6.0	4.7	5.7	5.3	6.0	6.7	6.0	5.3	5.3	5.0	6.3	5.3	7.0	7.0	5.7	5.0	5.3	6.0	5.8
BAR PP 0566	6.0	5.3	5.7	5.3	6.0	6.0	6.0	5.3	5.0	4.3	6.7	5.0	7.0	7.0	5.3	5.0	5.3	7.0	5.7
A98-365	6.7	4.7	6.3	4.7	6.3	6.0	5.0	5.0	5.7	4.3	7.0	5.0	7.0	6.3	6.0	5.0	6.0	6.0	5.7
BA 82-288	6.0	4.7	6.0	5.3	5.7	6.3	6.0	5.7	4.7	5.7	6.3	6.0	7.0	6.3	5.7	5.0	5.7	5.0	5.7
EAGLETON	6.3	5.0	5.7	4.7	6.3	7.0	6.0	5.0	5.3	4.7	6.3	5.0	7.0	6.0	6.3	5.0	5.7	5.3	5.7
NA-K992	7.0	4.0	6.0	6.0	6.0	6.3	5.0	5.7	3.3	4.3	6.7	6.0	7.0	6.0	6.3	5.0	5.7	6.0	5.7
A96-427	5.7	3.7	6.0	5.7	6.0	6.0	5.7	5.0	5.7	5.0	6.3	5.3	7.0	7.0	6.0	5.0	4.7	6.3	5.7
BLACKSBURG II (PST-1BMY)	6.7	5.0	6.0	4.7	6.3	6.0	6.0	5.3	4.0	4.7	6.7	5.7	7.0	6.0	5.3	5.0	5.7	6.0	5.7
RITA	6.3	3.7	5.7	5.3	6.0	6.0	5.7	5.7	4.7	5.7	6.3	5.3	7.0	6.3	6.0	5.0	5.3	6.0	5.7
A96-739	6.7	5.0	5.7	4.7	5.7	7.0	6.0	5.7	4.7	4.7	6.7	5.0	7.0	6.0	5.7	5.0	5.0	5.3	5.6
A98-139	7.0	4.0	6.0	4.7	5.7	6.0	6.0	5.7	3.7	4.7	7.0	5.7	7.0	5.0	6.0	5.0	6.0	6.3	5.6
BA 83-113	6.7	4.3	5.7	5.3	5.7	6.0	5.7	5.0	5.3	5.0	6.3	5.3	7.0	6.3	5.0	5.0	5.3	6.0	5.6
CHICAGO II	6.7	4.3	5.7	5.0	6.0	6.3	5.3	5.0	5.0	5.0	6.7	5.0	7.0	6.3	5.7	5.0	4.7	6.0	5.6
H92-558	6.3	3.7	5.3	5.3	6.0	6.0	5.7	5.7	5.3	4.3	6.7	5.0	7.0	6.7	5.7	5.0	5.0	5.7	5.6

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Table 12.

TABLE 14. (CONT'D)

LEAF TEXTURE RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

## LEAF TEXTURE RATINGS 1-9; 9=VERY FINE 2/

NAME	IA1	IL2	IN1	KS2	MA1	MD1	MN1	NC1	NJ1	NJ2	NY1	OH1	OK1	PA1	SD1	UT1	WA1	WA3	MEAN
JEWEL	6.7	5.3	6.0	5.3	5.7	6.7	5.3	5.7	4.3	5.0	6.0	5.0	5.3	5.7	5.7	5.0	5.7	6.0	5.6
BARONIE	6.3	3.3	6.0	5.7	6.3	6.3	6.0	5.3	4.3	4.7	6.7	5.7	7.0	6.3	4.3	5.0	5.7	5.0	5.6
A98-183	6.0	5.0	5.7	4.7	5.7	6.3	5.7	5.3	5.0	4.0	7.0	5.0	7.0	6.0	6.0	5.0	4.7	5.3	5.5
GOLDRUSH	6.3	2.7	6.0	4.7	6.3	6.7	6.0	6.3	3.7	5.0	6.3	5.0	7.0	6.0	4.7	5.0	5.7	6.0	5.5
PST-161	6.7	4.7	5.3	4.7	6.0	6.3	5.7	6.3	5.0	4.3	6.7	5.3	7.0	5.7	4.0	5.0	5.3	5.3	5.5
PST-604	5.7	4.0	6.0	4.3	6.0	6.0	5.3	5.3	4.7	5.0	6.7	5.0	7.0	6.3	6.0	5.3	5.0	5.7	5.5
DLF 76-9036	6.3	3.0	5.3	4.3	6.0	6.3	6.0	5.3	4.3	4.7	6.7	5.0	7.0	6.3	4.7	5.3	6.0	6.0	5.5
A96-451	6.3	4.7	5.7	5.0	6.0	6.0	5.7	5.0	5.7	4.7	6.0	5.0	5.3	6.0	6.0	5.3	4.3	6.0	5.5
SERENE	6.3	3.7	5.7	4.7	6.0	6.0	5.7	5.3	5.3	3.7	6.7	5.3	7.0	6.0	5.3	5.3	5.0	5.3	5.5
SI A96-386	6.7	3.7	5.7	5.0	6.3	6.0	5.7	5.3	4.7	4.7	6.7	4.7	5.3	6.7	5.0	5.0	5.3	6.0	5.5
BA 84-140	7.0	4.3	6.3	4.0	5.7	6.0	5.3	5.0	5.0	5.3	6.3	5.0	7.0	5.7	4.3	5.0	5.0	5.7	5.4
BARON	6.7	3.0	6.0	5.0	6.0	6.7	5.7	5.3	2.7	4.3	6.0	4.7	7.0	6.0	6.0	5.3	6.0	5.0	5.4
1B7-308	6.0	4.7	5.3	5.0	6.0	6.0	5.3	5.0	5.0	5.0	6.7	5.3	4.7	6.3	5.7	5.0	4.7	5.0	5.4
BLUEMAX (PST-B5-89)	6.3	4.7	5.3	5.3	6.0	5.7	5.0	5.0	4.7	4.7	6.3	5.0	5.3	6.0	5.7	4.7	4.7	6.3	5.4
MOONLIGHT	5.3	3.7	4.7	4.7	6.0	6.0	5.3	5.0	5.0	5.0	6.7	5.0	5.7	6.0	6.0	5.0	5.0	5.7	5.3
MONTE CARLO (A96-402)	6.0	4.0	4.7	4.3	6.0	6.0	5.7	5.0	4.7	4.7	6.3	5.0	5.3	6.0	5.3	5.0	6.0	5.7	5.3
PICK 417	6.0	3.7	5.0	5.0	6.0	6.3	5.7	5.0	5.0	4.7	6.0	5.0	5.3	6.7	6.0	5.0	5.0	4.3	5.3
B5-43	6.3	2.3	5.7	5.0	5.7	6.3	5.3	5.0	4.7	3.3	7.0	5.0	7.0	6.3	5.0	5.0	5.3	5.0	5.3
ALLURE	6.7	2.0	5.0	5.3	6.0	6.3	6.0	5.0	4.7	4.0	6.3	4.7	7.0	6.0	4.7	5.0	5.3	5.0	5.3
PICK 453	6.3	3.7	4.7	5.3	6.0	6.0	5.7	5.0	4.7	4.7	6.0	4.7	7.0	6.7	5.3	5.0	4.0	4.3	5.3
BLUE RIDGE (A97-1449)	6.0	3.7	6.0	4.0	6.0	6.0	6.0	5.3	5.3	4.3	6.0	5.3	4.7	6.7	4.7	5.0	4.0	5.3	5.2
MARKHAM (NA-K991)	6.3	3.0	6.0	4.7	5.7	6.0	5.3	5.0	3.7	4.3	6.0	5.0	5.3	5.7	5.7	5.0	5.0	6.7	5.2
PST-222	6.0	4.7	5.3	4.3	5.7	6.0	5.3	5.0	4.3	4.0	6.3	5.0	5.0	5.7	6.7	5.0	4.3	5.3	5.2
B5-45	6.3	2.7	5.7	5.3	5.7	6.0	5.0	5.0	4.7	3.7	6.3	5.0	5.0	5.7	5.3	5.0	5.7	5.3	5.2
BH 00-6003	6.3	4.7	5.0	6.3	4.3	5.3	5.0	5.3	2.7	5.3	6.3	4.7	7.0	4.7	4.3	5.0	4.3	5.7	5.1
COVENTRY	6.3	1.3	6.0	5.0	6.0	6.7	5.7	5.0	5.0	3.7	6.3	4.7	5.0	5.7	5.3	5.0	4.7	5.0	5.1
ABBEY	6.3	1.3	5.0	4.7	5.3	6.7	5.3	5.3	3.7	4.3	6.3	5.0	7.0	5.3	4.3	5.3	5.7	5.0	5.1
FAIRFAX	6.0	1.3	6.0	4.7	5.7	6.7	5.3	5.7	5.3	3.7	6.3	4.7	4.3	5.3	5.0	5.0	5.3	5.3	5.1
LILY	6.7	2.0	5.3	5.0	6.0	5.7	6.0	5.0	3.7	3.7	6.0	5.0	4.7	5.3	6.0	5.3	5.3	5.0	5.1
99AN-53	6.7	2.0	6.0	4.7	5.7	6.0	4.7	5.0	3.3	4.3	6.3	5.0	5.0	5.3	5.3	5.0	5.3	5.0	5.0
A98-407	6.0	3.0	4.7	5.0	5.3	6.0	5.3	5.0	4.7	3.7	6.7	5.0	4.7	6.0	5.0	5.3	4.0	5.3	5.0
BH 00-6002	6.7	2.3	6.0	5.0	5.7	5.7	5.0	5.7	2.3	4.0	6.3	4.7	4.7	5.0	5.3	5.7	5.0	5.3	5.0
CHATEAU	6.3	2.3	5.7	4.7	5.3	6.0	5.7	5.3	4.3	4.0	6.7	4.7	3.7	5.3	5.3	5.0	4.7	4.7	5.0
B5-144	6.3	1.7	5.3	5.0	6.0	6.3	5.7	5.0	4.7	3.7	6.0	4.0	4.3	5.7	4.3	5.3	5.0	5.0	5.0
RAVEN	6.3	2.3	5.7	4.7	5.3	6.3	5.3	5.0	3.7	4.3	6.3	4.7	4.7	4.7	4.7	5.0	5.0	5.0	4.9
MARQUIS	6.0	1.3	5.7	4.7	5.3	6.0	5.3	5.3	3.3	4.0	6.7	5.0	4.7	5.7	5.3	5.0	5.0	4.7	4.9
DLF 76-9034	6.0	4.3	5.3	5.0	5.3	5.0	5.7	5.3	2.0	4.0	6.7	5.3	4.7	5.3	5.0	5.0	4.3	4.0	4.9
ENVICTA	6.0	1.7	5.7	4.7	5.0	6.0	5.0	5.0	3.0	3.7	6.7	5.0	4.7	5.0	5.0	5.0	4.7	5.3	4.8
MISTY	7.0	2.7	6.0	4.7	5.0	6.0	5.0	5.0	3.3	3.0	6.7	4.7	4.3	6.0	4.3	5.0	4.3	4.0	4.8
LSD VALUE	0.9	1.9	0.7	1.1	0.9	0.6	0.8	0.9	1.2	1.2	1.1	0.7	0.6	0.8	1.1	0.6	0.9	1.1	0.2
C.V. (%)	8.4	23.6	7.2	11.7	8.8	5.7	7.9	9.6	14.1	13.0	9.9	8.2	5.6	7.1	11.2	7.3	9.1	11.4	10.3

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.

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Table 13. 2000 NTEP, 2002 data

TABLE 24. SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IL2	MD1	ME1	PA1	MEAN	NAME	IL2	MD1	ME1	PA1	MEAN
BLUE RIDGE (A97-1449)	7.7	9.0	8.7	9.0	8.6	BLUEMAX (PST-B5-89)	6.0	9.0	8.3	9.0	8.1
BAR PP 0573	8.7	8.7	8.0	9.0	8.6	BOOMERANG	6.0	9.0	8.3	9.0	8.1
ROYALE (A97-1336)	8.0	9.0	8.7	8.7	8.6	J-2885	5.7	9.0	9.0	8.7	8.1
1B7-308	7.3	9.0	8.7	9.0	8.5	NORTH STAR	6.0	9.0	8.3	9.0	8.1
A96-451	7.0	9.0	9.0	9.0	8.5	SI A96-386	5.7	9.0	8.7	9.0	8.1
A97-1409	7.7	9.0	8.3	9.0	8.5	SRX 27921	6.3	8.7	8.3	9.0	8.1
FREEDOM II	7.0	9.0	9.0	9.0	8.5	MALLARD (A97-1439)	7.0	9.0	7.3	9.0	8.1
CHAMPLAIN (A98-1275)	7.7	9.0	8.7	8.3	8.4	ODYSSEY	7.0	9.0	8.7	7.7	8.1
A96-427	7.3	9.0	8.3	9.0	8.4	SRX 26351	6.3	9.0	8.0	9.0	8.1
EVERGLADE	7.0	9.0	9.0	8.7	8.4	A97-1330	6.0	9.0	8.7	8.3	8.0
NU DESTINY (J-2695)	7.0	9.0	9.0	8.7	8.4	A97-1432	6.3	9.0	8.0	8.7	8.0
PST-222	7.3	8.7	8.7	9.0	8.4	AWESOME (J-1420)	5.7	9.0	8.7	8.7	8.0
PST-H5-35	7.3	9.0	8.3	9.0	8.4	BOUTIQUE	6.7	9.0	7.7	8.7	8.0
BAR PP 0566	7.0	9.0	8.3	9.0	8.3	PICK 453	6.0	9.0	8.0	9.0	8.0
PRINCETON 105	7.7	8.3	9.0	8.3	8.3	SHAMROCK	6.3	9.0	7.7	9.0	8.0
QUANTUM LEAP	7.0	9.0	8.3	9.0	8.3	CVB-20631	6.0	9.0	7.7	9.0	7.9
UNKNOWN	6.7	9.0	8.7	9.0	8.3	MARKHAM (NA-K991)	6.0	9.0	7.7	9.0	7.9
ALPINE	6.3	9.0	9.0	9.0	8.3	B5-45	5.7	9.0	8.3	8.7	7.9
BEYOND (J-1880)	6.3	9.0	9.0	9.0	8.3	HALLMARK	6.0	9.0	8.0	8.7	7.9
MOONLIGHT	6.3	9.0	9.0	9.0	8.3	PP H 7929	5.3	9.0	8.3	9.0	7.9
ASCOT	6.7	8.7	8.7	9.0	8.3	PST-B3-170	6.3	9.0	7.7	8.7	7.9
BA 82-288	7.3	9.0	7.7	9.0	8.3	PST-B4-246	6.0	9.0	8.0	8.7	7.9
GINNEY (J-1368)	6.0	9.0	9.0	9.0	8.3	UNIQUE	5.3	9.0	8.3	9.0	7.9
IMPACT	6.7	9.0	9.0	8.3	8.3	A98-183	5.7	9.0	7.7	9.0	7.8
MIDNIGHT	6.3	9.0	8.7	9.0	8.3	A98-881	6.0	9.0	7.7	8.7	7.8
PERFECTION (J-1515)	6.0	9.0	9.0	9.0	8.3	BARONIE	6.7	9.0	7.3	8.3	7.8
SONOMA	6.3	9.0	8.7	9.0	8.3	BLUESTONE (PST-731)	7.0	9.0	6.7	8.7	7.8
TSUNAMI (J-2487)	6.3	9.0	8.7	9.0	8.3	PST-YORK HARBOR 4	7.0	8.3	8.0	8.0	7.8
WILDWOOD	7.7	9.0	7.7	8.7	8.3	J-1838	5.3	9.0	8.0	9.0	7.8
BA 83-113	7.7	9.0	7.0	9.0	8.2	J-2561	5.3	9.0	8.0	9.0	7.8
BARRISTER (J-1655)	6.7	9.0	8.0	9.0	8.2	LAKESHORE (A93-200)	6.3	9.0	7.0	9.0	7.8
CHICAGO II	5.7	9.0	9.0	9.0	8.2	A98-1028	5.3	9.0	8.3	8.7	7.8
J-1513	5.7	9.0	9.0	9.0	8.2	PICK 417	6.0	8.7	8.0	8.7	7.8
A98-407	7.3	9.0	7.7	8.7	8.2	PST-B5-125	6.0	9.0	8.3	7.7	7.8
ARROW (A97-1567)	6.0	9.0	8.7	9.0	8.2	A96-739	5.7	9.0	7.3	9.0	7.8
AWARD	6.0	9.0	8.7	9.0	8.2	B3-185	5.0	9.0	8.0	9.0	7.8
BARONETTE (BA 81-058)	7.7	8.7	7.3	9.0	8.2	BODACIOUS	5.3	9.0	7.7	9.0	7.8
EVEREST	6.0	9.0	8.7	9.0	8.2	DLF 76-9037	6.0	9.0	7.7	8.3	7.8
EXCURSION (J-1648)	6.0	9.0	8.7	9.0	8.2	GOLDRUSH	6.3	8.7	7.0	9.0	7.8
H92-558	6.3	9.0	8.3	9.0	8.2	GOLDSTAR (A98-296)	6.7	9.0	7.0	8.3	7.8
MIDNIGHT II (A98-739)	6.0	9.0	8.7	9.0	8.2	H92-203	5.0	8.7	8.3	9.0	7.8
PRO SEEDS - 453	6.3	9.0	8.3	9.0	8.2	J-2890	6.0	9.0	7.0	9.0	7.8
SRX 2394	6.3	9.0	9.0	8.3	8.2	MONTE CARLO (A96-402)	6.3	8.7	7.0	9.0	7.8
TOTAL ECLIPSE	6.3	9.0	8.7	8.7	8.2	PP H 7907	5.7	8.7	7.7	9.0	7.8
						PST-108-79	5.7	9.0	7.3	9.0	7.8

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Table 13.

TABLE 24. (CONT'D)

LEAF SPOT RATINGS OF KENTUCKY BLUEGRASS CULTIVARS 1/  
2002 DATA

LEAF SPOT RATINGS 1-9; 9=NO DISEASE 2/ 3/

NAME	IL2	MD1	ME1	PA1	MEAN	NAME	IL2	MD1	ME1	PA1	MEAN
PST-H6-150	5.0	8.7	8.3	9.0	7.8	BROOKLAWN	5.0	9.0	6.7	8.3	7.3
RUGBY II	6.3	9.0	7.3	8.3	7.8	DLF 76-9032	5.0	8.3	7.3	8.3	7.3
SRX 2114	6.3	8.7	8.0	8.0	7.8	ENVICTA	6.0	7.3	7.0	8.7	7.3
A97-857	6.3	9.0	7.7	7.7	7.7	FAIRFAX	5.7	9.0	6.0	8.3	7.3
BA 00-6001	6.0	9.0	8.0	7.7	7.7	LIMOUSINE	5.3	9.0	6.7	8.0	7.3
BEDAZZLED	6.0	9.0	8.0	7.7	7.7	MARQUIS	6.0	8.0	7.0	8.0	7.3
LIBERATOR	6.0	9.0	7.7	8.0	7.7	NUGLADE	5.3	8.7	7.3	7.7	7.3
A98-365	5.7	8.7	8.3	8.0	7.7	DLF 76-9036	5.7	8.3	7.3	7.3	7.2
B3-171	4.7	9.0	8.3	8.7	7.7	RAVEN	5.3	8.0	6.3	9.0	7.2
RITA	7.7	8.7	8.0	6.3	7.7	B5-144	5.0	8.7	8.3	6.3	7.1
ROYCE (A98-304)	5.3	9.0	8.3	8.0	7.7	JEFFERSON	6.0	8.7	6.7	7.0	7.1
VOYAGER II (PST-1QG-27)	5.0	8.7	8.3	8.7	7.7	MOON SHADOW (PICK 113-3)	5.7	8.3	8.0	6.3	7.1
B5-43	6.7	8.7	6.7	8.3	7.6	ALLURE	5.3	8.3	7.0	7.3	7.0
BAR PP 0468	5.3	8.7	8.0	8.3	7.6	BARIRIS	4.7	8.3	7.0	8.0	7.0
GLENMONT (H94-293)	5.7	9.0	8.0	7.7	7.6	BA 84-140	5.7	7.7	7.3	7.0	6.9
PST-604	6.3	8.7	6.7	8.7	7.6	BARITONE	4.0	8.7	6.3	8.7	6.9
SHOWCASE	4.7	9.0	7.7	9.0	7.6	PP H 6370	5.0	8.7	6.7	7.0	6.8
ARCADIA	6.3	9.0	7.3	7.7	7.6	BH 00-6002	6.3	8.3	6.0	6.3	6.8
B4-128A	5.0	8.7	7.7	9.0	7.6	BLUE KNIGHT	6.3	7.3	7.3	6.0	6.8
MERCURY (PICK-232)	6.3	9.0	7.7	7.3	7.6	LILY	5.0	9.0	6.7	6.0	6.7
SR 2284 (SRX 2284)	6.3	9.0	7.0	8.0	7.6	BORDEAUX	4.7	8.3	6.7	6.7	6.6
A97-1715	5.3	8.7	7.7	8.3	7.5	PST-161	6.0	8.7	5.0	6.0	6.4
ABBEY	6.0	8.3	7.3	8.3	7.5	BARZAN	6.7	7.7	5.0	6.0	6.3
APOLLO	5.7	9.0	8.0	7.3	7.5	99AN-53	5.7	8.3	5.3	6.0	6.3
BARTITIA	6.0	8.0	7.7	8.3	7.5	HV 140	6.7	8.7	4.3	5.7	6.3
BH 00-6003	5.3	9.0	6.7	9.0	7.5	AVALANCHE (PST-1701)	5.0	8.7	5.0	6.7	6.3
PP H 7832	4.7	9.0	7.7	8.7	7.5	JEWEL	3.7	8.7	4.7	8.0	6.3
RAMBO	6.3	9.0	6.3	8.3	7.5	BLACKSTONE	5.3	7.7	6.7	5.0	6.2
COVENTRY	6.3	9.0	7.3	7.3	7.5	NA-K992	6.0	7.3	4.3	6.7	6.1
BLACKSBURG II (PST-1BMY)	6.7	9.0	7.0	7.0	7.4	CABERNET	5.3	8.3	5.3	5.0	6.0
BAR PP 0471	5.0	9.0	7.3	8.3	7.4	MISTY	5.0	7.0	5.3	6.0	5.8
CHAMPAGNE	6.0	8.7	6.0	9.0	7.4	A98-139	6.3	7.7	4.7	4.3	5.8
JULIA	5.7	8.7	6.7	8.7	7.4	EAGLETON	4.3	7.0	6.3	5.0	5.7
LIMERICK	5.7	8.7	7.0	8.3	7.4	A96-742	6.0	4.7	6.3	5.0	5.5
BARON	5.3	8.7	7.0	8.3	7.3	WASHINGTON	5.0	6.3	5.0	5.3	5.4
BRILLIANT	4.7	9.0	7.3	8.3	7.3	SRX QG245	6.0	4.7	5.3	5.0	5.3
CHELSEA	4.3	8.7	8.0	8.3	7.3	GO-9LM9	7.7	3.3	2.7	1.3	3.8
PP H 6366	4.7	9.0	6.7	9.0	7.3	DLF 76-9034	3.7	2.3	5.0	3.7	3.7
PST-1804	5.0	9.0	7.0	8.3	7.3	WELLINGTON	2.0	6.3	2.7	3.7	3.7
CHATEAU	5.7	8.7	7.0	8.0	7.3	KENBLUE	3.7	2.3	3.7	2.3	3.0
HV 238	6.0	8.7	7.7	7.0	7.3						
JULIUS	4.0	9.0	7.3	9.0	7.3	LSD VALUE	1.5	0.7	1.6	1.1	0.6
LANGARA	6.0	9.0	7.3	7.0	7.3	C.V. (%)	15.7	5.3	13.3	8.3	10.6
SERENE	6.3	8.7	8.0	6.3	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.

3/ LEAF SPOT CAUSED BY DRESCHLERA POAE AT "IL2" AND BY BIPOLARIS SOROKININA AT "PA1".

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U.S. DEPARTMENT OF AGRICULTURE  
 AGRICULTURAL MARKETING SERVICE

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

**EXHIBIT E  
 STATEMENT OF THE BASIS OF OWNERSHIP**

1. NAME OF APPLICANT(S) <b>J. R. Simplot Company</b> <i>(bt:7/21/2008)</i>	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER 94-2910, J-2910	3. VARIETY NAME EverGlade
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)  W 5300 Riverbend Avenue Post Falls, Idaho 83854 U.S.A.	5. TELEPHONE (Include area code) (208) 773-7581	6. FAX (Include area code) (208) 773-4846
7. PVPO NUMBER <h1 style="text-align: center;">#200400208</h1>		

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

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

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

a. If the 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 the 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 (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

Cultivar was bred by A. Douglas Brede, Veradale, WA, an employee of J. R. Simplot Company.

**PLEASE NOTE:**

Plant variety protection can only be afforded to the owners (not licensees) who meet 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 the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

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 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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