



# WSSA

WEED SCIENCE SOCIETY OF AMERICA

Volume 34, No. 1  
January, 2006

# Newsletter



## PRESIDENT'S MESSAGE

Hopefully by the time you read this newsletter, you all will have registered and made your hotel reservations for the annual meeting in New York City. As I am sure you are all well aware by now, we will be celebrating the 50th anniversary of the society. We will take time during the meeting to acknowledge the history of

WSSA. Dale Shaner, Program Chair, the Program Committee, and the 50th Anniversary Committee have planned a meeting that is educational and a celebration of our history. Please take the time to thank them and the Local Arrangements Committee for the hard work that has gone into planning this meeting. All meeting attendants will receive a copy of *Weed Science Society of America — Origin and Evolution — the First Fifty Years* by Dr. Arnold Appleby. Dr. Appleby has also written a sequel to *The History of Weed Control in the United States and Canada* by F. L. Timmons published in *Weed Science* in 1970.

Please participate in the Business Meeting on Tuesday evening at 5:15. This meeting is an opportunity for all members to speak and offer input for the direction of the society. The Board of Directors is interested in your ideas and opinions, so please attend. Please contact me or any Board member if you have items you would like to see placed on the agenda.

The 2005 election was the first time that voting for officers was conducted by electronic ballot. Thanks to Donn Thill and the nomination committee for the excellent slate of candidates for the positions of Vice-President, Treasurer, and Member-at-Large. I want to thank all of the candidates who were willing to serve. Serving on the Board is a large commitment of time and energy but one that can be rewarding and educational. I have enjoyed my time on the Board and the contact with members from other regions. If any of you are interested in serving on the Board or on committees be sure to inform a member of the Board.

If you have not yet met Lee Van Wychen, Director of Science Policy, please take time at the annual meeting to introduce yourself. Lee hit the ground running after he was hired and has been extremely busy representing Weed Science in Washington, D.C. Lee has a great deal of energy and enthusiasm for Weed Science.

I especially express my thanks to Jeff Derr and Gerry Stephenson for all of the work that they have done during the past year evaluating our needs and

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## Celebrate WSSA's 50th Anniversary in New York in 2006!!!

Mark your calendars for February 13-17, 2006 and join us as we celebrate WSSA's 50th anniversary at the Annual Meeting and Conference at the New York Marriott Marquis Hotel. The meeting is right in the middle of the theater district and New York offers many sights and experiences. There will be an extra special reception on Monday evening to celebrate our 50th anniversary and to honor our award recipients. All of the other nights will be open to allow you to experience New York City. Over 350 oral presentations and posters will be offered at the meeting covering a wide range of topics. Please remember that all presentations will be made using PowerPoint and LCD projectors. This year we will have five symposia covering a wide array of topics: 1) Obtaining Grant Funds: Experiences and Advice; 2) Advances and Regulatory Implications of Modeling Approaches to Environmental Fate and Exposure Assessment of Pesticides; 3) Challenge of Minor Crop Weed Control & Future Direction; 4) Natural Products in Weed Management and Biology; and 5) Grass Weed Resistance: Fighting Back. Everyone should find a topic

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generating possible solutions for changes in the Web Site and for the Director of Education, respectively. These two issues have come up over and over again but I think we have made significant progress during this year.

This is my last newsletter article as WSSA President. It has been an honor to serve in this capacity. It has been a busy year and I have enjoyed it. Thanks to the Board of Directors and all of the other volunteers who donate their time to WSSA. The success of WSSA depends on the willingness of its members to continue to volunteer. Thank you for allowing me to serve as President of WSSA.

Carol Mallory-Smith  
President



## ECOSTAR AWARDS

Dr. Raj Prasad of Pacific Forestry Centre, Victoria, B.C. was honored at the Capital Regional District Ecostar Award Ceremony, November 9, 2005 for his contribution to management of exotic-invasive weeds using biological and other control methods. Many exotic-invasive weeds such as *Cytisus scoparius*, *Ulex europaeus*, *Hedera helix*, *Daphne laureola* and *Rubus discolor* have made rapid excursion into the coastal landscapes and are threatening-destroying the local habitat/biodiversity of the native species.

## CELEBRATE 50th IN NEW YORK CONTINUED from pg 1

that is of special interest. New to this year's program are discussion times for posters in the Physiology, Education and Extension, Horticultural Crops, and Soil and Environmental Aspects sections. These discussion sessions are an opportunity for open exchange of ideas on the topics presented in the posters. In addition, Dr. Jens Streibig and Dr. Christian Ritz have organized a special workshop

on "Statistical Assessment of Dose-Response Curves with Free Software" for Sunday, February 12. This workshop will be limited to 20 participants, so please register early. Registration for the meeting and the workshop is at <http://www.wssa.net>. Please plan to join us in New York to celebrate our 50th Anniversary.

Dale Shaner  
WSSA Program Chair

## WSSA FUTURE MEETING SITES AND DATES

**2006**

New York, NY  
February 13-17  
Marriott Marquis  
Local Arrangements:  
Brad Majek  
(856) 455-3100,  
ext. 4122  
majek@  
aesop.rutgers.edu

**2007**

San Antonio, TX  
February 5-10  
Marriott Riverwalk  
Local Arrangements:  
Paul Baumann  
(979) 845-4880  
p-baumann@tamu.edu

## THINK NEWSLETTER

Deadline for April issue  
March 1, 2006

## WSSA NEWSLETTER

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# 50th Anniversary Celebration



## CAN YOU BELIEVE IT – PART III

Once again, congratulations to those who correctly answered all of the questions in the fall edition of the WSSA Newsletter. This is the last in the series. Have fun with the answers. You will have the opportunity to read about all of the questions from Parts I to III asked when you receive your copy of Arnold Appleby's book at the WSSA Conference in New York in the next few weeks.

It is our hope that you have enjoyed thinking about the history of our Society and more importantly will enjoy reading your own copy of Dr. Appleby's book from where most of these facts have been gleaned. This book will remain a legacy, as one of Arnold's many contributions to weed science in general and the Weed Science Society of America, in particular. Thank you once again, Arnold.

You are reminded that there will be a room set aside for historical collectibles at the meeting in New York. **Please bring your favorite old weed related items** to share with your colleagues for the displays. These materials can be taken back at the end of the meeting or put in the archives for future storage if you no longer wish to keep them. For those not attending the meeting but wish to send materials please feel free to contact Jerry Doll at [jddoll@wisc.edu](mailto:jddoll@wisc.edu) for instructions. In addition to checking out the WSSA posters at our 2006 annual meeting, don't forget to look at the Canadian, North Central, North-eastern, Southern and Western Regional Societies' History posters in the poster section as well as in the room set aside for the History Displays.

Preparing this on behalf of the 50th Anniversary Committee has been an educational, fun and an interesting task; hopefully it has provided a challenge for you also.

Al Hamill  
50th Anniversary Committee

## DO YOU KNOW?

1. What year the "retired member" category was established for WSSA membership?
2. That the net worth of the Society remained between \$30,000 and \$40,000 from 1966 to 1983. Can you guess what the net worth was in 1985?
3. In what year the magazine "Weeds Today" metamorphed into "Weed Technology"?
4. Who was the first paid non weed scientist to serve as "Executive Secretary" for WSSA?
5. Who succeeded James Hilton in 1986 as Editor-in-Chief after a 9-year term?
6. What year the Aquatic Plant Management Society joined as a conference member and how much our membership increased?
7. That for reasons of economy of scale and adequate backup, Allen Press of Lawrence, Kansas, took over as publishers of our Journals and contracts were drawn up with Allen Marketing and Management as a new professional management firm—remember the year?
8. That the terms "herbicide resistance" and "herbicide tolerance" were creating considerable confusion within the weed science community until the WSSA Board established specific definitions. What year was Dr. Dan Hess president? This action took place during his service.
9. In what year the Federal Noxious Weed Law was established?
10. WSSA has a long history of providing educational information to the policy makers in Washington, DC. However, it wasn't until 1985 that we assisted in underwriting a Science Fellow. In 1989, we supported a Congressional Fellow along with ASA and the regional Societies. In 1995 the Board voted to support a congressional liaison. Can you name the 3 individuals who have held this position between 1995 and 2005?
11. In what year did WSSA net worth cross the \$1 million mark and the Endowment fund crossed the \$200,000 mark?
12. What year the momentous decision was made to move forward with only LCD projectors used for presentations at the annual meeting?
13. In what year the idea of converting the Newsletter to an electronic only version was initiated? It was the same year that the Board began conducting official business by conference calls and through e-mail. It was also the year that the Graduate Students initiated action to form an official organization.
14. What is the current active membership and the net worth of the WSSA?

# WASHINGTON REPORT

by Lee Van Wychen, Director of Science Policy

## CONGRESS PASSES FY2006 AGRICULTURE APPROPRIATIONS BILL

The House and Senate approved the conference report on the FY2006 Agriculture appropriations bill and President Bush signed it into law on November 10, 2006. It was only the fourth of eleven FY2006 spending bills to make it through the entire legislative process. The \$100.2 billion Agriculture spending bill boosts spending on food stamps and nutrition programs but delays the implementation of country-of-origin labeling laws and maintains the ban on the reimportation of prescription drugs.

The bill funds USDA Research and Development programs at \$2.4 billion, a slight cut of \$9 million or 0.4 percent that stands in sharp contrast to a requested 15 percent cut because of hundreds of millions of dollars in earmarks. USDA intramural Research and Development funding declined 1.7 percent or \$22 millions to \$1.3 billion, primarily because of a drop in research and development facilities construction funding.

Congress rejected USDA's proposals to slash formula funds in its extramural research portfolio, and instead preserves a balance between formula funds, competitive funds, and earmarks. The final Agriculture appropriations bill keeps Hatch Act formula funding for land-grant colleges at \$179 million, in contrast to a USDA proposal to eliminate half of this funding and shift the funds to a new \$75 million competitive grants program. The National Research Initiative (NRI) of competitively awarded research grants increases slightly to \$183 million. Earmarked special research grants, however, grew from \$120 million to \$128 million. The FY2006 appropriation for Forest Service Research and Development is

\$329 million, up \$15 million from last year.

## THE WSSA PROVIDES COMMENTS FOR THE USDA- CSREES STAKEHOLDER WORKSHOP ON PLANT AND PEST BIOLOGY PRIORITIES AND CONCERNS

On November 16, 2005, the USDA Cooperative State Research, Education, and Extension Service (CSREES) hosted a one day workshop on stakeholder priorities in the area of plant and pest biology. Over 20 different stakeholder groups provided comments and concerns during the workshop. Working in conjunction with the WSSA Research and Competitive Grants Committee, written comments were submitted along with an oral presentation by Dr. David Shaw, who did an excellent job in presenting WSSA's concerns.

The WSSA expressed its deep concern with the direction of the NRI Competitive Grants Program 51.9, The Biology of Weedy and Invasive Species in Agroecosystems. This is a significant source of competitively awarded funding for many weed scientists. This grant program now targets not only weedy and invasive plants, but all other invasive species without an increase in funding this year. There are other NRI grant programs that deal with the biology of arthropods, nematodes, and microorganisms which were not opened up to invasion biology for their representative organisms. The WSSA stated that it would like to see invasion biology for different species placed in their respective NRI Programs.

Two other concerns the WSSA expressed for the current request for application (RFA) for the NRI Program on The Biology of Weedy and

Invasive Species in Agroecosystems were: 1) its focus on ecological studies on invasive species at the population level and above with no emphasis on weed biology at the suborganismal level; and 2) the fact that this is the only NRI Grant Program that now requires a letter of intent, thus reducing the flexibility of weed scientists to consider other NRI Grant Programs and limiting the grant preparation period to less than 1.5 months.

The WSSA also provided comments to USDA-CSREES about the need for increased funding for weed science research in the following areas:

- **Weed Biology and Ecology** — Better understanding of weed biology and weed ecology is needed for development of more effective integrated weed management systems which utilize all tools available including cultural, mechanical, biological and chemical control strategies. Weed biology and weed ecology research is also needed to accelerate progress in several areas of weed management such as GPS/GIS based variable rate herbicide applications, herbicide resistant crops (HRC) and knowledge based decision support systems. The value of these management tools depends greatly on better understanding of the mechanisms of weed, crop and cropping system interactions. This includes research in weed genetics and physiology.

- **Invasive Weeds** — Predictive tools are needed to identify species of concern and potential for invasion into sensitive ecosystems. Systems for early detection and rapid response (EDRR) are also needed to combat potentially serious weed invasions caused by human activity, whether accidental or intentional. Development of tools to assess impacts of

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weeds on ecosystems, including threatened and endangered species, requires basic research on the mechanisms of plant invasion. Economic assessment tools are also needed to quantify the impacts of the problem and to help set management priorities.

• **Knowledge Based and Systems-Approach Based Decision Support Strategies** — With the proliferation of computer technology there are good opportunities to build decision aids that integrate biology and control data, expert knowledge and grower wisdom with social, economic and environmental perspectives. To build these systems, more long-term and large-scale studies are necessary with growers and advisors included in their development. The variable response of crops and weeds according to species, growth stage and environmental conditions also needs further research.

### **NATIONAL INVASIVE WEED AWARENESS WEEK (NIWAW 7) IS FEBRUARY 26–MARCH 3 IN WASHINGTON, DC**

Details of NIWAW 7 can be found at: [http://www.nawma.org/niwaw/niwaw\\_index.htm](http://www.nawma.org/niwaw/niwaw_index.htm). On the website you can also register for the third and final on-line session that I will present in conjunction with NIWAW 7 titled: “Legislative Visit Preparation: Making Your Visit Count” which is January 23, 2006 at 4 PM (ET). Another on-line session you may be interested in registering for is “Media Relations 101: Growing Community Interest in NIWAW” which is on January 9, 2006 at 4 PM (ET). These interactive information sessions are conducted via Microsoft Live Meeting and sponsored by BASF.

During NIWAW 7, participants plan to advocate for two main policy issues while visiting Washington, DC. A top priority issue is attaining funding for the Noxious Weed Control and Eradication Act (NWCEA) signed into law by President George Bush on October 30, 2004. NWCEA

authorizes \$15 million to combat invasive weeds, but no funds have been appropriated to date. The other policy priority will be to urge passage of the National Aquatic Invasive Species Act (NAISA), which aims to improve existing legislation to better prevent introductions of new aquatic invasive weeds. There are several NAISA related bills in the 109th Congress and some parts of these bills may be drafted into a new piece of legislation by the Senate Environment and Public Works Committee.

### **EPA ISSUES ENDANGERED SPECIES PROTECTION PROGRAM GUIDANCE**

The EPA published its “Endangered Species Protection Program Field Implementation Notice” in the November, 2, 2005 Federal Register. The document can be found at <http://www.epa.gov/fedrgstr/EPA-PEST/2005/November/Day-02/p21838.htm>. It formalizes a lengthy review process between EPA and other federal agencies on how the EPA addresses concerns about endangered species when it reviews pesticide registrations while not placing undue burden on pesticide users. EPA will implement the Endangered Species Protection Program through pesticide label statements that refer users to Endangered Species Protection Bulletins. These bulletins will only be issued when specific pesticide use limitations are necessary to protect federally listed species or their designated critical habitat and will be available via the EPA’s Website or via a toll free number, both of which will be identified on the new pesticide label once it’s available.

### **WSSA PROVIDES COMMENTS TO THE CANADIAN PEST MANAGEMENT REGULATORY AGENCY (PMRA) ON HERBICIDE USE IN RANGELAND**

The PMRA (Pest Management

Regulatory Agency) of Canada has been working with stakeholders to gain input on the practicality of prescribing no-spray buffer zones for protection of native plants in rangeland and aquatic habitats from the effects of herbicide spray drift. The PMRA is concerned that broadleaf herbicides may negatively impact native vegetation without the observance of spray drift buffer zones. I would like to thank John Jachetta from Dow AgroSciences for bringing this issue to the WSSA’s attention and would also like to thank the Canadian PMRA for seeking input from the WSSA on this critical land management question.

The question of the applicability of spray-drift buffers to rangeland is especially important to weed scientists and practitioners, as the unique issues that must be addressed in rangeland are not at all similar to those present in crops. Virtually all weed control applications in a rangeland setting are for invasive weed management. The main objective of rangeland weed management is to prevent conversion of the plant community to an invasive species monoculture and restore the natural balance of the site. If invasive weeds are not controlled in the buffer areas surrounding treatment sites in rangeland, a refugia for the weeds remains enabling them to reestablish in the treated site.

In cropland, the main objective of weed control is to remove plant competition and shift the use of the site’s resources into the production of a single species, i.e., the crop. Under this management scheme, the presence of a buffer-zone around the site may be useful in fostering natural diversity and to provide refuge for birds and other species that would not prosper in the adjacent field. However, the application of such buffers to rangeland weed control will likely have the opposite effect. An unsprayed buffer in rangeland is likely to be little more

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## WASHINGTON REPORT

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than a refuge for invasive species and a source of seed for reinfestation of the treated area.

The WSSA would again like to thank the PMRA for seeking our input on this important rangeland management question.

### PESTICIDE PRODUCT INFORMATION IS NOW AVAILABLE FOR 90,000 PRODUCTS IN AN ON-LINE SEARCHABLE DATA BASE

The Pesticide Product Database includes the name of the product, the registration number of the product, company number and name, registration date, cancellation date and reason (if canceled) and product manager name and phone number. The Pesticide Product Database is a component of the National Pesticide Information Retrieval System (NPIRS) through the Purdue University Center for Environmental Regulatory Information Services (CERIS) at <http://ppis.ceris.purdue.edu/> Questions may be directed to the NPIRS staff at 765-494-6561; e-mail: [staff@npirs.ceris.purdue.edu](mailto:staff@npirs.ceris.purdue.edu)

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**THINK NEWSLETTER**  
Deadline for April issue  
March 1, 2006

## CAST Workshop: Water Quality and Quantity Issues for Turfgrasses in Urban Landscapes January 23–25, 2006

CAST is having a workshop entitled "Water Quality and Quantity Issues for Turfgrasses in Urban Landscapes." This workshop will take place at the Renaissance Las Vegas Hotel. Additional information regarding the workshop may be found at [www.castwaterquality.info](http://www.castwaterquality.info) or by contacting the CAST office at (515) 292-2125 or [cast@cast-science.org](mailto:cast@cast-science.org).

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Regarding: Reviewer questions

# Flora ID Northwest Interactive Plant Keys and Color Photos

Comprehensive plant identification software for all known native and naturalized plants in 13 western and north central states and British Columbia

This software is an easy-to-use tool for quickly identifying any plant that is growing on its own, whether or not it is a weed. It is used extensively by scientists and universities, as well as hobbyists and secondary students. Color photos are included for virtually all plant species, along with descriptive information, current scientific names and synonyms, and illustrated definitions of terms. All known native and naturalized vascular plants are included for each state or region, from grasses and flowers, to trees and ferns. A printable User's Guide and Tutorial is included in the Help program.

Statewide CDs are available for British Columbia, Washington, Oregon, Idaho, Montana, Wyoming, Utah, Colorado, North Dakota, South Dakota, Nebraska, Kansas, Minnesota, Iowa and Wisconsin. Regional CDs are available for the Pacific Northwest (seven states plus BC) and the Great Plains (the Dakotas, Nebraska, Kansas, Iowa, Minnesota, and the eastern portions of Montana, Wyoming and Colorado).

**System requirements:** Windows 98 or higher, Internet Explorer 5.0 or higher (free download), 700 megabytes of free space on your hard drive. The CD can also run from the CD drive without installation.

**Single CD price:** \$99.95 for a single state or province, \$299.95 for the Pacific Northwest region, and \$249.95 for the Great Plains. A 15% discount is available for orders of 10 or more CDs shipped to the same address. **Ten-site license price** (includes 1 CD copy): \$330.00 for a single state or province, \$990.00 for the Pacific Northwest region, and \$825.00 for the Great Plains. **Shipping and handling fee:** \$6.00 per order for up to 10 CDs, and an additional \$2.00 for each CD over 10. The purchase of a Site License allows the purchaser to create a specified number of additional copies, or for the program to be used on a specified number of nodes on a network.

This product will be available for shipping after December 1, 2003. **Price for a single state or province CD:** \$105.95

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## NEEDED: Digital Weed Images

If you enjoy weed photography and want to support WSSA, here is an opportunity to do both. WSSA needs your help in collecting images of weeds for a weed identification compact disc project. Spend a quiet afternoon hiking and taking pictures of weeds. You will be amazed at the number of different weeds that occur in any given area.

WSSA needs to collect digital images of over 250 common weeds of North America to complete the project that will contain all (over 1400 species) of the common weeds of North America. We want to complete this project by the end of 2006. See our web page at the "**Contribute photos**" link on the WSSA Home Page [www.wssa.net](http://www.wssa.net).

If you submit and have approved the images of 10 of the needed species you will earn a 50% discount on the CD. If you submit and have approved images of 20 or more of the needed species, you will receive a **free** copy of the CD. Individuals contributing approved images will have their name attached to the image, and thus will have made a lasting contribution to WSSA. A contribution of images of only one species is significant and we urge you to help.

This project is open to all interested persons.

## "Aquatic and Riparian Weeds of the West"

This book will be a valuable reference and management guide for weed control specialists, land managers, rice growers, golf course superintendents, and landscape professionals. Joseph M. DiTomaso and Evelyn A. Healy, University of California at Davis, use 560 high quality color photographs to illustrate 170 aquatic and riparian weeds. Accurate, up to date information on the distribution, habitat, propagation, physical descriptions and management considerations are presented for each species. The book also contains comparison tables to distinguish among similar or related species.

Price, including shipping, is \$43.50 for the first book, and \$41.00 for each additional book. To order your copy of Aquatic and Riparian Weeds of the West, please call WSSA at 1-800-627-0629 Ext. 297, or go to [www.wssa.net](http://www.wssa.net).

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Description of the project, guidelines for taking digital images, and lists of weeds for which we need images are found on the WSSA web page. For further information you may also contact Alex Ogg at [ogga@tctwest.net](mailto:ogga@tctwest.net).

# NEWSS Contest: New Rules and Results

Dave Johnson, Penn State University

The 2005 North Eastern Weed Science Society student contest was held at Penn State University's Southeast Research and Extension Center near Landisville, Lancaster County, on July 26. A total of 45 graduate and undergraduate students participated from eight universities. The universities represented were Clemson, North Carolina State, VA Tech, Penn State, Cornell, SUNY-Cobleskill, Guelph, and Nova Scotia Ag College. All students participated in weed identification, unknown herbicide identification, sprayer calibration, and farmer problem events. The overall event was organized by Dave Johnson, manager of the Penn State research farm, and the specific events were headed up by Bill Curran (farmer problems), Dwight Lingenfelter (unknown herbicide identification), Jo Anna Heberger (weed identification), and Rick Schmenk (sprayer calibration). Over 40 volunteers, including faculty, staff, students, extension educators, and industry sales and research reps helped with the contest as judges, farmers, scorekeepers, etc. Many thanks to all of the students, coaches, event coordinators, and volunteers who helped make this event a success.

In response to student and coach requests to broaden the scope of the contest to include more weed biology and basic science, some rules were changed on an experimental basis in the weed identification and unknown herbicide identification events. Rather than simply identifying a particular weed, the students also had to choose the correct biological or ecological characteristic of the weed from a list of four characteristics, only one of which was correct. These characteristics included growth habit, area of origin, biocontrol, method of reproduction, botanical terms, life cycle, etc. For the unknown herbicides, in addition to identifying the herbicide, chemical class, and mode of action, the student also had to choose a chemical or physiological property from a list, only one of which was correct. Such properties included water solubility, soil sorption, translocation patterns, etc.

In the farmer problem event, an attempt was made to move away from agronomic problems involving strictly herbicides. Each student was required to do two problems. There were scenarios such as invasive weed management in a riparian zone, biology/ecology of invasive weeds in a forest setting, organic weed control, Christmas trees, turfgrass, and vegetable crops, in addition to agronomic crops.

A post-contest survey of coaches and students was

done to gauge the response to these changes. Overall, response to the new rules by the students and coaches was very positive. The students thought adding the weed characteristics brought an interesting new angle to weed identification, and they enjoyed the diversity of farmer problems.

The 2005 NEWSS student contest results were as follows:

## **Graduate Division:**

1<sup>st</sup> place team: NCSU (Walter Thomas, Whitnee Barker, Wesley Everman)

2<sup>nd</sup> place team: Clemson (Mayak Malik, Prashant Jha, Marcos Oliveria)

3<sup>rd</sup> place team: VA Tech (David McCall, John Willis)

1<sup>st</sup> place individual: John Willis (VA Tech)

2<sup>nd</sup> place individual: Wesley Everman (NCSU)

3<sup>rd</sup> place individual: Prashant Jha (Clemson)

## **Undergraduate Division:**

1<sup>st</sup> place team: Guelph team B (Andrew Chisholm, Brian Gowan, Chrissie Schill)

2<sup>nd</sup> place team: Guelph team A (Phil Aitkin, Gerald Pynenburg, Jim Burns)

3<sup>rd</sup> place team: Cornell (Kristine Averill, Cameron Douglass)

1<sup>st</sup> place individual: Gerald Pynenburg, Guelph

2<sup>nd</sup> place individual: Jim Burns, Guelph

3<sup>rd</sup> place individual: Brian Gowan, Guelph

Congratulations to the winners and to all students for participating. The 2006 NEWSS contest will be hosted by DuPont at their farm in Maryland.

*(Photos appear on the following pages)*





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## GRADUATE DIVISION WINNERS

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Above Left, Top to Bottom:

1<sup>st</sup> place team: **NCSU**  
(Walter Thomas, Whitnee Barker,  
Wesley Everman)

2<sup>nd</sup> place team: **Clemson**  
(Mayak Malik, Prashant Jha, Marcos Oliveria)

3<sup>rd</sup> place team: **VA Tech**  
(David McCall, John Willis)

Above Right, Top to Bottom:

1<sup>st</sup> place individual: **John Willis** (VA Tech)  
2<sup>nd</sup> place individual: **Wesley Everman** (NCSU)  
3<sup>rd</sup> place individual: **Prashant Jha** (Clemson)



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## UNDERGRADUATE DIVISION WINNERS

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Above Left, Top to Bottom:

1<sup>st</sup> place team: **Guelph team B**  
(Andrew Chisholm, Brian Gowan,  
Chrissie Schill)

2<sup>nd</sup> place team: **Guelph team A**  
(Phil Aitkin, Gerald Pynenborg, Jim Burns)

3<sup>rd</sup> place team: **Cornell**  
(Kristine Averill, Cameron Douglass)

1<sup>st</sup> place individual: **Gerald Pynenborg**, Guelph

2<sup>nd</sup> place individual: **Jim Burns**, Guelph

3<sup>rd</sup> place individual: **Brian Gowan**, Guelph

Order Your Copy Now of the Most  
Comprehensive Weed Identification Reference  
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## 1,000 WEEDS OF NORTH AMERICA: An Identification Guide

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- Description of 140 grass-like & 860 broadleaf weeds
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- On-line training video is available at [www.wssa.net](http://www.wssa.net)
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## HERE ARE THE ANSWERS

### DO YOU KNOW?

1. What year the “retired member” category was established for WSSA membership? **The “retired member” category was established in 1981. It was later renamed “emeritus member.” It had to be requested until 2003 when it became automatic.**
2. That the net worth of the Society remained between \$30,000 and \$40,000 from 1966 to 1983. Can you guess what the net worth was in 1985? **In 1985 the net worth jumped to \$399,611.00. This history does not comment on how this happened but if someone wanted to look into it my guess is that it would be interesting reading.**
3. In what year the magazine “Weeds Today” metamorphed into “Weed Technology”? **The last publication of Weeds Today was in 1985 and the first volume of Weed Technology was January 1987. See Dr. Riggelman’s comment for 1985 in the History book.**
4. Who was the first paid non weed scientist to serve as “Executive Secretary” for WSSA? **The first paid non weed scientist to serve as “Executive Secretary” was Robert (Bob) Schmidt who served from 1986 to 1995.**
5. Who succeeded James Hilton in 1986 as Editor-in-Chief after a 9-year term? **A beloved Brit from Auburn University, Dr. Brian Truelove, served as Editor-in-Chief until his untimely death in 1995. His salesmanship for WSSA publications was unparalleled.**
6. What year the Aquatic Plant Management Society joined as a conference member and how much our membership increased? **The Aquatic Plant Management Society joined as a conference member in 1988; at the time our membership peaked at between 3500 and 3700 members.**
7. That for reasons of economy of scale and adequate backup, Allen Press of Lawrence, Kansas, took over as publishers of our Journals and contracts were drawn up with Allen Marketing and Management as a new professional management firm—remember the year? **It was 1997 that Allen Press and Allen Marketing and Management were hired to publish the Journals and provide professional management services for the Society.**
8. That the terms “herbicide resistance” and “herbicide tolerance” were creating considerable confusion within the weed science community until the WSSA Board established specific definitions. What year was Dr. Dan Hess president? This action took place during his service. **Dr. Dan Hess was the 39th WSSA President, in 1988 when the definitions of “herbicide resistance” and “herbicide tolerance” were established. The definitions can be found within this section of Arnold Appleby’s book — Weed Science Society of America — Origin and Evolution — The First 50 Years.**
9. In what year the Federal Noxious Weed Law was established? **The Federal Noxious Weed Law came into effect in 1974.**
10. WSSA has a long history of providing educational information to the policy makers in Washington, DC. However, it wasn’t until 1985 that we assisted in underwriting a Science Fellow. In 1989, we supported a Congressional Fellow along with ASA and the regional Societies. In 1995 the Board voted to support a congressional liaison. Can you name the 3 individuals who have held this position between 1995 and 2005? **The position of Congressional liaison has been held by Dr. Keith Menchey (1995–1997), Dr. Karl Glassner (1998) and Dr. Rob Hedberg (1999–2005); the latter as Director of Science Policy for WSSA.**
11. In what year did WSSA net worth cross the \$1 million mark and the Endowment fund crossed the \$200,000 mark? **The year WSSA net worth reached over \$1 million and the Endowment fund surpassed \$200,000 was 1999.**
12. What year the momentous decision was made to move forward with only LCD projectors used for presentations at the annual meeting? **The year was 2001 when the use of slide projectors was replaced by the computerized LCD projection system.**
13. In what year the idea of converting the Newsletter to an electronic only version was initiated? It was the same year that the Board began conducting official business by conference calls and through e-mail. It was also the year that the Graduate Studies initiated action to form an official organization. **This was a year of many new initiatives. In addition to all three of these events, 2003 was the year a contract was signed to spearhead the XID weed identification CD project under the leadership of Alex Ogg and the strong support of Horace Skipper.**
14. What is the current active membership and the net worth of the WSSA? **Our membership has dropped to about 50% of the late 1980 haydays but our net worth remains strong at just over \$1.2 million.**

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# WEED SCIENCE POSITIONS ON THE WEB

WeedJobs <<http://www.wssa.net/weedjobs/>>

Interested in advertising a weed science position or looking for a job on the Internet? Then visit the WeedJobs Web pages.

## Information for Persons Wishing To Advertise Positions

Why advertise your weed science position at WeedJobs? First, you get worldwide advertising — most of the younger generation surf the Internet when job hunting. Second, it is fast — it can be on the Web within a day or two of submission. Third, and best of all, it's free.

What type of positions may be advertised? The listing is restricted to positions in weed science — but all aspects — not just academic or research positions. Advertisements for permanent, term, postdoctoral or graduate student positions will be accepted from anywhere in the world.

To submit an advertisement, go to the URL above and follow the instructions.

Send Newsletter material to:

**DAVID SHAW**  
WSSA Newsletter Editor

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Box 9652 • Mississippi State, MS 39762  
Telephone (662) 325-9575  
Fax (662) 325-9578  
Email: [dshaw@gri.msstate.edu](mailto:dshaw@gri.msstate.edu)

## Get Involved – learn more about WSSA! Join a Committee!

In order to continue to grow and change as an organization, WSSA needs your active participation. WSSA is an organization that is run by the membership on a volunteer basis. The committees form the structure of the organization and direct WSSA's many activities, from selecting awardees to publications to representing specific subject matter areas. Please look at the committee list and volunteer for a committee! The duties of each committee are outlined in the society's MOPs and can be accessed on the WSSA website. One or more committee members rotate off each committee each year providing an opportunity for others to be involved. The committee chairs are responsible for recruiting and recommending a volunteer to serve in each position (there may be some restrictions such as location/region – for example if the person rotating off the committee is from the north-central, the new member should represent that region as well). Please contact the committee chair for more information on the committee you are interested in and to volunteer to serve! Thank you for volunteering to keep WSSA a relevant organization!

## THINK NEWSLETTER

Deadline for April issue is  
March 1, 2006.



# POSITION ANNOUNCEMENTS

## THE OHIO STATE UNIVERSITY DEPARTMENT OF HORTICULTURE AND CROP SCIENCE CHAIR AND PROFESSOR

The Department of Horticulture and Crop Science, encompassing a diverse array of programs, 38 faculty, 86 staff, and 48 graduate and 245 undergraduate students, seeks a department chair to foster continued growth in excellence.

**Responsibilities:** Leads and administers a comprehensive and diverse program of research, teaching, and extension in horticulture and crop science, in accordance with principles of faculty governance; fosters collegiality within the department; fosters interdisciplinary scholarship; provides leadership for the professional development of faculty, staff, post-doctoral researchers, and graduate and undergraduate students; reports to the Vice President for Agricultural Administration and serves as liaison

between the Vice President and the department; fosters interactions with industry groups and other external partners; provides financial leadership, including preparation of annual budget recommendation in consultation with department, oversight of budget, and allocation of resources to departmental members; evaluates programs and personnel of department.

**Qualifications:** Ph.D. in a field related to plant science; distinguished record of research, teaching, or extension, consistent with an appointment as a tenured full professor in the Department of Horticulture and Crop Science; proven ability in leadership and administration, including fiscal and human resource management; proven ability to communicate effectively with University and College administration, faculty, staff, students, and industry groups.

**Closing date:** February 15, 2006, or until a suitable candidate is identified.

**Further information:** See the departmental web site:

[hcs.osu.edu/positions](http://hcs.osu.edu/positions).

**Contact:** Applications should include a letter addressing interest, qualifications, and administrative philosophy, a complete vita, and names, addresses, and telephone numbers of four references. Nominations, inquiries, and applications can be directed to the chair of the Search Committee:

**Dr. Steven K. St. Martin**

**Dept. of Horticulture and  
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**Ohio State University**

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**Phone: 614-292-8499**

**FAX: 614-292-7162**

**e-mail: [st-martin.1@osu.edu](mailto:st-martin.1@osu.edu)**

*To build a diverse workforce Ohio State encourages applications from individuals with disabilities, minorities, veterans, and women. EEO/AA employer.*

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# CALENDAR OF UPCOMING EVENTS

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DATE	EVENT	LOCATION	CONTACT
January 3-6, 2006	Northeastern Weed Science Society Meeting	Westin Hotel Providence, Rhode Island	Timothy Dutt Tel: 610-285-2006 Email: timothy.e.dutt@monsanto.com
January 22-26, 2006	Southern Weed Science Society Meeting	Omni Hotel San Antonio, Texas	Robert Schmidt raschwssa@aol.com
January 23-25, 2006	CAST Workshop: Water Quality and Quantity Issues for Turfgrasses in Urban Landscapes	Renaissance Las Vegas Hotel	Tel: 515-292-2125 www.castwaterquality.info cast@cast-science.org
February 13-17, 2006	Weed Science Society of America Annual Meeting	Marriott Marquis on Broadway New York, New York	Brad Majek Tel: 856-455-3100, ext. 4122 Email: majek@aesop.rutgers.edu
February 26-March 3, 2006	National Invasive Weed Awareness Week	Washington, DC	<a href="http://www.nawma.org/niwaw/niwaw_index.htm">http://www.nawma.org/niwaw/niwaw_index.htm</a>
March 14-16, 2006	Western Society of Weed Science Annual Meeting	Reno/Sparks, Nevada	Wanda Graves Tel: 510-790-1252 <a href="http://www.wsweedscience.org">http://www.wsweedscience.org</a>
April 4-6, 2006	5th International IPM Symposium of the North American Weed Management Association	St. Louis, Missouri	
September 18-21, 2006	14th Annual North American Weed Management Association	Calgary, Alberta Canada	
January 20-25, 2007	Southern Weed Science Society Annual Conference	Opryland Hotel Nashville, Tennessee	Robert Schmidt raschwssa@aol.com
February 5-10, 2007	WSSA Annual Meeting	Marriott Riverwalk San Antonio, Texas	Paul Baumann Tel: 979-845-4880 p-baumann@tamu.edu
September 17-21, 2007	9th International Conference on the Ecology and Management of Alien Plant Invasions Weed Science Society of Western Australia	Perth, Australia	

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