



NEWSS NEWS

NORTHEASTERN WEED SCIENCE SOCIETY Newsletter August 2005

Comments from the President



Tim Dutt
NEWSS President

The 23rd Annual NEWSS Collegiate Weed Contest was held July 27th at the Penn State Southeast Agricultural Research and Extension Center in Landisville, PA. Dave Johnson hosted an outstanding event, and there were as many volunteers as student participants. Forty-five students participated among 10 graduate division and 5 undergraduate division teams from 8 colleges and universities. Participation was up from previous years, which indicates continued interest in this event as an educational experience for students of weed science. A local television station covered the event, providing some good public relations for our discipline. The Weed Contest Committee, chaired by Bill Curran, made significant but positively-received changes to the contest. Congratulations go to the NC State and University of Guelph teams for winning the graduate and undergraduate divisions, respectively. John Willis of VA Tech achieved both the top individual score in the graduate division and the top score for the contest. Gerard Pynenborg of the University of Guelph earned the top individual score in the undergraduate division. Full contest details may be found in this newsletter. On behalf of the NEWSS, I'd like to extend a big "thanks" to the weed contest committee, to all the volunteers and coaches, and especially to Dave Johnson who made this a very special event for the students.

Please note in this newsletter that Dave Mortensen (dmortensen@psu.edu) is soliciting nominations for Vice President. Robin Bellinder (rrb3@cornell.edu) is also soliciting nominations for NEWSS awards. There is no better way to serve the society than to nominate deserving members for awards and officer roles.

There have been changes to the Executive Committee (EC) this year due to company transfers. Dave Spak replaced Sue Rick as Sustaining Membership Chair. Brian Manley, our Secretary-Treasurer since 2003, transferred with Syngenta to an international assignment, and he will not be able to serve his full elected term. Acting according to the articles of the NEWSS constitution, the EC agreed to fill the Secretary-Treasurer vacancy with Chris Becker of BAAR Scientific. Chris will be working with Brian for the rest of this year and will be a non-voting member on the EC. He will assume the officer role of Secretary-Treasurer after our next annual business meeting in 2006.

You may remember our discussion on the glyphosate stewardship resolution at our last annual business meeting. The Herbicide Resistant Plant Committee, chaired by Mark VanGessel, was charged to work on a NEWSS position on herbicide resistance stewardship. I encourage you to read the article in this newsletter which provides an update on these efforts, and plan to comment on the revised resolution and stewardship document when it is posted on the web site (www.newss.org) in the near future. After a fixed comment period, we plan to have a member vote on this resolution prior to our next annual business meeting.

Preparations for the 60th Annual Meeting are going well. It will be held January 3-6, 2006 at The Westin Hotel in Providence, RI. We will be meeting jointly with the Northeast Aquatic Plant Management Society (NEAPMS) who will be holding their 7th Annual Meeting. There will be some deviation from our traditional meeting format to accommodate joint activities with NEAPMS, a group with nearly as many members as our organization. Renee Keesee, NEWSS Vice-President and Program Chair, is working with NEAPMS to develop the program. Look forward to a joint symposium, an aquatic weed ID workshop, and a joint social. Renee and her Program Committee also are organizing several other workshops that will run during the meeting. Please note the title and abstract submission deadlines for papers and posters in this newsletter, and begin making your plans to attend and participate in this informative, enjoyable, and unique meeting.

Providence is a new meeting location for NEWSS. The Westin is an award-winning hotel in the heart of downtown Providence, with excellent facilities that can accommodate both NEWSS and NEAPMS organizations. We have negotiated an excellent room rate (\$109/night) and parking fees (\$5/day) for the meeting. Airfare into Providence are reasonable, with the airport only 15 minutes from the hotel. Amtrak (Union Station) and bus terminals are within walking distance of the hotel. If you are driving, the hotel is easy to access from the interstate. The hotel is attached to Providence Mall Place which has shopping, dining, and entertainment, and is within walking distance of many fine restaurants, historic sites, the theatre district, and sporting events. You may want to have a family member accompany you to enjoy this great city. Look for more information about meeting location and attractions in our November newsletter. Call the Providence Visitor Information Center at 1-800-233-1636 for more information, and begin making your travel plans now!

60th Annual NEWSS Meeting, January 3-6, 2006
The Westin Providence
One West Exchange Street
Providence, RI 02903
(401) 598-8000
www.westinprovidence.com

Deadlines! Deadlines!

Title Submission:
September 9, 2005

Award Nominations:
September 30, 2005

Nomination for Vice-President:
September 30, 2005

Abstract/Key Word Submission:
October 21, 2005

Call for Vice-President Nominations



Robin Bellinder
Past President

The Executive Committee is requesting nominations from the membership for the NEWSS office of Vice-President. The Vice-President serves as chairperson of the program committee and automatically succeeds to the offices of President-Elect, President and Past-President. Nominees for Vice-President will have been members of NEWSS for at least three years. By general rule, the Vice-President elected at the 2006 Annual Business Meeting should be selected from members who are employed in the public sector (University, Federal, State, etc.). Send nominations to the nominating committee chairman by September 30, 2005:

Dave Mortensen – Chair
NEWSS Nomination Committee
The Pennsylvania State University
Department of Crop and Soil Sciences
116 ASI Building
University Park, PA 16802
Phone: 814-865-1906
E-mail: dmortensen@psu.edu

This is the last call for nominations for the following 2006 NEWSS awards:

Distinguished Member Award
Award of Merit
Outstanding Educator
Outstanding Researcher

Among the numerous members of our Society there

are many potential candidates for these awards. Please think about your contacts within the Society and consider nominees for these awards. Complete and send the attached form (below) to Robin Bellinder, Awards Committee Chairperson.



2005 Award
Nomination Form.pdf

61st Annual Meeting (2007)



Bill Curran
NEWSS President - Elect

We just finished another successful Collegiate Contest. Congratulations to Dave Johnson of Penn State and his crew of volunteers for pulling off another great event. Dave Johnson and Brent Lackey will tell you more about the contest in this newsletter. As for the 2006 Weed Contest, as I mentioned in our April newsletter, DuPont has agreed to host the event at Chesapeake Bay Farm near Chestertown, MD. Greg Armel and several other Dupont folks attended the 2005 contest at Penn State and appear ready and enthusiastic to host next year's event. I'm sure Greg will be looking for volunteers to help run the event, so think ahead and please try to assist him and his committee in any way you can. Thanks to DuPont, and we are all looking forward to participating.

I am also pleased to announce that in 2007, our annual meeting will take place at the Renaissance Harbor place Hotel in Baltimore. The hotel is located on the north end of the inner harbor, adjacent to numerous restaurants and shopping. This property hosted our annual meeting back in the early 1990's when it was known as Stouffers. In addition, the Mid-Atlantic Exotic Plant Pest Council (MA-EPPC) has verbally committed to participate in our 2007 annual meeting, so look forward to a number of activities focused in invasive plants.



Renee Keese
NEWSS Vice President

Progress is being made on the program for our 2006 conference. There will be a variety of symposia and a joint symposia with the Northeast Aquatic Plant Management Society. Listed below are the section chairs and chair elects for the 60th Annual Meeting of the NEWSS to be held at the Westin in Providence, RI on January 3-6, 2006.

Program Chair

Renee J. Keese
Phone: 317-846-8812
Email: renee.keese@syngenta.com

Agronomy Section

Hiwot Membre
Phone: 301-405-1334
Email: hm22@umail.umd.edu
Chair-elect: John Jemison

Conservation, Industrial & Forestry Section

Rick Iverson
Phone: 215-299-6656
Email: rick_Iverson@fmc.com
Chair-elect: Jon Johnson

Ornamentals Section

Robert Richardson
Phone: 517-980-2807
Email: richa462@msu.edu
Chair-elect: James Atland

Poster Section

Rakesh Chandran
Phone: 304-293-6023 X4225
Email: RSChandran@mail.wvu.edu
Chair-elect: C. Benjamin Coffman

Turfgrass & Plant Growth Regulators Section

Mike Fidanza
Phone: 610-396-6330
Email: maf100@psu.edu
Chair-elect: Larry Norton

Vegetables & Fruit Section

Chris Becker
Phone: 607-869-9511
Email: Becker89@fltg.net
Chair-elect: David Johnson

Weed Biology & Ecology Section

2005 Annual Meeting Program

Eric Gallandt
Phone: 207-581-2933
Email: gallandt@maine.edu
Chair-elect: Prasanta Bhowmik

NEWSS Membership and Registration Guidelines



Brian Manley
Secretary/Treasurer

As we approach title submission deadlines and start thinking about our annual meeting in January, we should also think about the meeting registration process and your annual NEWSS membership. If this article looks familiar, it should (and shows that you are reading your newsletters!). A nearly identical article was published in the August 2004 newsletter, but we felt a reminder of the guidelines would be helpful. The registration process for the 2006 meeting and membership will begin with the November Newsletter, but this article is intended to provide clarification around membership guidelines for the society to ensure that everyone understands what options are available for membership in the NEWSS.

The Constitution of the Northeastern Weed Science Society provides the base guidelines for membership in the society. The Constitution states that membership in the Society shall be open to individuals and organizations of all nations interested in the objectives of the society, and that there shall be two types of membership: active and sustaining. Active members are defined as individuals who are interested in weed science and who have remitted their annual dues to the society. Active members may attend the annual meeting, hold office, present papers on the program, and will receive the Supplement to the Proceedings and any newsletters. Sustaining members shall consist of manufacturers, distributors of herbicides, equipment manufacturers, or related industries who contribute financially to the support of the society. The names of such members shall be printed in all issues of the Proceedings of the society and in the program guide of the regular meetings.

In addition to these base guidelines, the Executive Committee has established the following categories of active members.

Northeastern Weed Science Society and the associated fees for 2006 annual meeting and membership.

Membership Category	2006 Fees (US \$)
Regular Member	95
Student Member	75
Retired Member	75
Distinguished Member	75
Retired Distinguished Member	
Non-attending Membership	0
	30

The registration fee for the annual meeting includes the membership fee. Most members pay for their membership when they register for the meeting. The non-attending membership category was added for those individuals who are unable to attend the annual meeting, but still wish to maintain their membership. The non-attending member shall have all of the privileges associated with the active membership category except attendance at the annual meeting. The Executive Committee has elected not to change Active Membership Fees for 2006 following increases in 2004 and 2005. Sustaining membership fees for 2006 will be \$150.

To minimize administrative costs associated with contacting inactive members and to maintain a current database of members, the secretary/treasurer removes individuals from the society database who have not been active for a period of three consecutive years. If you are not currently an active member, and wish to become one for 2005, please contact Brian Manley, Secretary/Treasurer, for the registration form.

We are hoping to have at least part of the registration process available interactively on-line in time for the annual meeting this year, although we still have a few bugs to work out. The concept is for each individual to enter their information into the on-line database at the NEWSS website, and then print out a form to mail in with payment. We will keep you posted as to whether this process is functioning in time for registration. As a fall back position, the registration forms for the 2006 annual meeting and NEWSS membership will be distributed with the November Newsletter, or may be downloaded from the NEWSS website.

Brian Manley
NEWSS Secretary/Treasurer

Syngenta Crop Protection
67 Pinewood Road
Hudson, NY 12534
brian.manley@syngenta.com
(518)851-2122

Submitting Titles & Abstracts in 2005



Hilary Sandler
Editor

At the time that this newsletter reaches you, we have worked out many of the details that will allow you to enter and submit titles and abstracts through the web site. Please try the following steps when you are ready to submit your title.

SIGN-IN. Go to the home page of the web site and sign in as a member. When you log in for the first time, enter your username (email address) and click on "forgot your password?". You will be sent your individualized password by email. Return to the home page, and sign up with your new password. Click on Submit (do not hit 'return' or 'enter'). You should be taken to your member profile. Go to "View account information" and scroll down towards the bottom of the page. Change your password to make it personalized.

If you are not a member, contact Brian Manley (brian.manley@syngenta.com) to fill out a form and be entered into the database.

SUBMIT TITLE. Return to Member Home and click on "Submit Title and Abstract". For the September 9th deadline, fill in the title, authors, and affiliations (type in as it would appear in the final abstract). Please be sure to select your preference for section on the drop-down menu (Ornamentals, Biology and Ecology, etc.). Please be sure to indicate if this is a *graduate student* paper or poster. Click on the "Submit" button when you have entered all the information. There is not a way to view your title prior to submission other than what you see on the screen. Try to make sure you have everything as you want it before submitting.

For the September 9th deadline, just type in your title, authors' info, section preference and submit. You can then return to your title submission (all your information will be retained in your member profile) prior to the October deadline; add your abstract and keywords and resubmit the entire file.

SUBMIT ABSTRACT. Sign in and click on "view submitted titles and abstracts". Scroll down the list of keywords to see if any of the pre-selected keywords fit your paper. Click on the boxes to select your keywords. If you do not see a keyword that describes your work, type in your unique keywords in the space provided. The list of keywords on the web site is quite extensive and was taken from previous years' indices. Be sure to scroll down the page to view the entire list before adding custom words.

Continue to scroll down to the lower part of the window and click anywhere in the white area below the grey tool bar. Cut and paste your abstract in the box provided. There is no need to include the title and authors in the "cut and paste" if the correct information has already been entered in the boxes at the top of the page. Even though you can make edits on the web site, I would recommend making all changes prior to pasting into the submission form. NOTE: If you have changed authors (added or deleted), please send me an email (and one to renee.keese@syngenta.com) to alert us to the change.

BROWSER ISSUES. We know that the submission process works fine with Internet Explorer (IE). At the time of publishing this newsletter, we are trying to resolve issues for those of you who use Mozilla Foxfire. If you are using browsers other than IE and have difficulty getting things to work, please let me know.

IF WEB SITE SUBMISSION IS NOT WORKING. Go to the Home Page and select "Publications", then select "Title Submission" under the Manual of Operating Procedures - Addendums. Fill out the form and email to Renee Keese (renee.keese@syngenta.com). If the web site submission is still not working by the October 21st deadline, select the "Keywords Form" and submit to hsandler@umext.umass.edu. You will also need to email your abstract to Hilary Sandler (using the style indicated in the Instructions to Contributors contained in this newsletter, which is also available as an addendum).

Graduate Student Report



Jacob Barney
Graduate Student Rep

The summer of 2005 is rapidly drawing to a close and we have borne witness to another successful Collegiate Weed Contest. This year's event was given a much needed facelift after 22 years of competitions. Based on input from students and coaches, the Weed Competition Committee added dozens of new weed species

(including invasives and aquatics), and with these included some multiple choice questions on their biology. The number of herbicides was reduced per mode of action, but two ages of herbicide ID plots were added (a very welcome addition). For the first time, the farmer problems included questions on organic practices and ecological weed management. Overall, reaction to the contest was positive, and the changes made for a broader and more interesting contest. I am continuing to collect opinions on this year's contest changes, as well as to solicit suggestions for future changes in an effort to enhance the experience for everyone involved.

As you know, we have a graduate student mixer at the annual meeting in Providence, which includes a speaker invited to address a topic relevant to weed science graduate students. In the past, we have had people from the federal government, industry, and academia to discuss job opportunities, and last year we had a great discussion on refereed journal publishing. Please let me hear from you about a subject or person that you would like to have at our meeting in January. Contact me about this or any other concerns you want addressed as a graduate student. And click on the file below!



Calling All Graduate Students!.pdf

Research & Education Report



Kathie Kalmowitz
R&E Committee Chair

The Research and Education Committee is working with the Program Chairman to coordinate Society Symposium Sessions with invitations to outside groups in the Northeast who may want to participate in these educational events. Notification of the Northeast Weed Society special sessions for the 2006 meeting will be extended to regional nursery association members, professional turfgrass managers and Golf Course Superintendents once the final program is announced in October. The Golf Course Superintendent of America Association has indicated our meeting will receive accredited points for superintendents after we submit the appropriate paperwork. Filing for CEU's for state pesticide license credits will be made to all the states where the society has membership participation.

Legislative Report*



Dan Kunkel
Legislative Committee

WSSA Names New Director Of Science Policy Dr. Lee Van Wychen, based on the consensus of WSSA Board, was offered the position of Director of Science Policy on July 11, 2005 and started work on Monday, July 18th. Lee brings a wealth of Washington experiences to the job. He was selected as a Congressional Science Fellow through the Agronomy, Crop and Soil Science Society's Congressional Science Fellowship program in 2003. During the past two years, Lee has worked in the offices of Rep. Gil Gutknecht (MN) and Nick Smith (MI) where he analyzed, advised, and implemented the offices' legislative strategy on agriculture, environment, science, energy, trade, and budget policies. His experiences on the Hill have helped him to build a solid network of contacts in federal lobbying and stakeholder groups, academic societies, and regulatory and oversight agencies.

Lee Grew up in Wisconsin and completed his Masters degree in Weed Science under the late Dr. Gordon Harvey in Madison. Lee then completed a Ph.D. in Land Resources and Environmental Science under Dr. Bruce Maxwell at Montana State University. We should all welcome Lee on board. As well we should also send, on behalf of the NEWSS, a note of gratitude to Rob Hedberg, or even a resolution at our next meeting. Lee can be contacted at: Director of Science Policy, National and Regional Weed Science Societies, 900 Second Street, N.E. Suite 205, Washington, DC 20002, Phone:(202)408-5388, Fax:(202)408-5385, Email:Lee.VanWychen@WeedScienceOrgs.com

Budget Update. The President's 2006 budget initially zeroed out a number of Section 406 grants, including the regional Pest Management Centers, Crops At Risk, and the methyl bromide Transition Program. The president also proposed cutting Hatch funds in half from approximately 180 Million to just below 90 million dollars. The House and Senate are expected to fully restore the Hatch funds and the senate proposes restoring funds to the 406 grants (i.e. IPM Centers, CAR and Methyl Bromide Transitions). Please note that now is certainly the time to contact your local representatives to provide support for retaining these grants.

2007 Farm Bill. In the coming months, senior officials of the United States Department of Agriculture (USDA) will hold a series of public forums at various U.S. locations to obtain public input for the development of the 2007 Farm Bill. The dates, locations, and times of

the forums will be announced in USDA press releases. The 2002 Farm Bill (officially entitled the Farm Security and Rural Investment Act of 2002) authorizes many USDA programs, including farm price and income support programs. New legislation will need to be enacted prior to the bill's expiration in 2007. USDA intends to develop recommendations for the new farm bill and believes that public input is essential to this process; the public is welcome to submit comments via the USDA Farm Bill Forums website at <http://www.usda.gov/farmbill>.

BioTech Crops in the EU are still having a tough go

According to a June 24 *Reuters Report*, titled "EU ministers uphold sovereign right to ban GMOs," which states in part that "... EU environment ministers dealt a blow on Friday to efforts to get more GMO crops grown in Europe as they agreed to uphold eight national bans on genetically modified maize and rapeseed types. The vote was a sharp rebuff for the European Union's executive Commission, which had wanted the ministers to endorse an order to lift the bans within 20 days. EU law provides for national GMO bans if the government can justify the prohibition. It was also the EU's first agreement on GMO policy since 1998, when the bloc began its unofficial moratorium on approving new GMO foods and crops ... 'A very large majority, 22 member states, rejected proposals to lift these national bans ... Between 1997 and 2000, Austria, France, Germany, Greece and Luxembourg banned specific GMOs on their territory, focusing on three maize and two rapeseed types approved shortly before the start of the EU moratorium ... The EU executive now has several options, including returning to the ministers with the same proposals for lifting the bans, though at a later date, or changing them radically ... Green groups were ecstatic that the EU had finally agreed to slap down not just one of the national bans, but all eight.'

2,4-Dichlorophenoxyacetic acid (2,4-D): Tolerances Established for Hop, Soybean and Wild Rice - EPA issues a Final Rule establishing tolerances for residues in or on hop, soybean, and wild rice which were requested by the Interregional Research Project Number 4 (IR-4) and the Industry Task Force II on 2,4-D Research Data (Task Force) - Effective July 27, 2005 with objections and hearing requests due to EPA by September 26, 2005 - EPA OPPTS OPP Contact: Joanne Miller, Registration Division at 703 305 6224; e-mail: Miller.Joanne@EPA.gov - EPA July 27 *Federal Register*:

<http://a257.g.akamaitch.net/7/257/2422/01jan20051800/edocket.access.gpo.gov/2005/05-14886.htm>

**article content largely reprinted from FIEN Weekly*

Washington Report



Rob Hedberg
(Former) Director of Science Policy

David Shaw Provides Congressional Briefing

Friday, May 13 was not an unlucky day for the weed science discipline or David Shaw, Director of the Geo Resources Institute at Mississippi State University. That morning Dr. Shaw gave a briefing, "*Down to Earth Science from Outer Space - Applying NASA Technologies and Interagency Collaborations to Advance Agricultural Science and Natural Resource Management*" to congressional staff from both the U.S. House and Senate as well as several attendees from Federal Agencies and the private sector. After his introduction by Dr. Rodney Brown, Deputy Undersecretary for Research, Education and Economics at USDA, David gave an excellent overview of real and emerging earth science applications of remote sensing data combined with modern computing capacity. David did an outstanding job conveying the value of federally funded research conducted at Land Grant Universities as well as the contributions weed scientists are making to science, agriculture and natural resource management. This briefing was conducted by NCFAR (the National Coalition on Food and Agricultural Research), a coalition that WSSA officially joined last year. This briefing was the third in a series that NCFAR has launched to provide congressional staff with a timely overview of scientific frontiers in food and agriculture research and to instill them with an appreciation of the value of federal investments in such research. It was personally gratifying to see the how David created a new appreciation for weed science among NCAFR members and congressional staff.

Weed Science to Host Congressional Briefing on Endangered Species/ Invasive Species

On Wednesday, June 15 WSSA will sponsor a briefing for the House Resources Committee to explore the connections between invasive weed management and the enhancement of critical habitats to promote endangered species recovery. Cosponsors for this briefing now include the Aquatic Ecosystem Restoration Foundation, The Aquatic Plant Management Society, the Wildlife Management Institute, the Nature Conservancy and BASF. The opportunity to present this briefing grew out of the successful symposium held on this topic during the Northeast Weed Science Society annual meeting here in Washington in January. (Presentations are posted at www.newss.org).

the effort to hire your next Director of Science Policy.

WSSA Report



Jeff Derr
WSSA Representative

2006 WSSA meeting

The 2006 WSSA meeting will be February 13-16, 2006. The Marriott Marquis is located on Times Square in the heart of the theater district (on Broadway between 45th and 46th). There is a theater in the hotel. Other Broadway theaters are very close, with some nearly across the street, so most Broadway shows will require a very short walk from the hotel. Discount tickets (most are half price) the day of the show are available across the street from the hotel. Tickets to plays are readily available while musicals are in higher demand and thus discount tickets may or not be available depending on the show. "Spamalot", for example, is sold out, but tickets remain available for a number of other musicals while we were in New York City.

There will be five symposia at the meeting:

Tuesday 10-12: Obtaining Grant Funds: Experiences and Advice - W. Barker

Tuesday 1-5: Advances and Regulatory Implications of Modeling Approaches to Environmental Fate and Exposure Assessment of Pesticides - Nandhali

Wednesday 1-5: Challenge of minor crop weed control & future direction - Fennimore

Thursday 8-12: Natural Products in Weed Management and Biology - Duke

Thursday 1-5: Grass Weed Resistance: Fighting Back - Beckie

There will be one social event on Monday night - combination of awards recognition and 50th anniversary.

A 50th anniversary history book is completed and will be available. Mementos will be a travel mug with WSSA 50th anniversary logo. There will be a speaker for each breakout session that will give a history of that session. The society will have posters and a special room for memorabilia. Meeting registration fees will increase \$55 per category due to the higher costs of meeting in New York City. The title/abstract submission website should be available in early September – visit www.wssa.net to get started. The title/abstract submission deadline will probably be the first week of October.

Membership dues will increase to \$135 for regular members and \$40 for students, which includes online

The significance of this briefing is that the House Resources Committee chaired by Congressman Pombo (R-CA) is spearheading efforts to revise and reform the Endangered Species Act. By being invited to present this briefing we will have an opportunity to promote recognition of noxious and invasive weeds as a significant threat to T&E species. Furthermore we will be able to encourage pragmatic revisions in the bill such that noxious weed management will be recognized as a legitimate method of enhancing the quality of critical habitats and promoting endangered species recovery.

WSSA to Receive Grant For NIWAW VII From National Fish and Wildlife Foundation

The National Fish and Wildlife Foundation (NFWF) has informed WSSA that we will receive a Pulling Together Initiative (PTI) grant for \$15,500 to help expand the NIWAW outreach activities and promote the establishment of Cooperative Weed Management Associations (CWMA's) across the country. This welcome news comes at a time when Dr. Nelroy Jackson assumes the chairmanship of the NIWAW VII planning committee on behalf of WSSA. The plans for NIWAW VII are already off to a very promising start with substantial new offers of support and involvement from many of the partners who recognize the value of this event that has now grown into an annual conference. When you can, please thank Dr. Jackson for his willingness to take on this important role and mark your calendars now for the week of February 26- through March 3.

Thank You

I want to take this opportunity to express my sincere thanks to all members of WSSA, APMS, NEWSS, NCWSS, SWSS and WSWS for the opportunity to serve as your representative in Washington for the past six years. I have accepted an offer to work for USDA-CSREES as the agency's Science Policy and Legislative Affairs Advisor and will assume that post in July. As I prepare to move on, I can honestly say this is the best job and most fun I have ever had working for a living. The members of the societies are great, the mission of the societies is worthwhile and the opportunities to have positive impact are significant. I'll move on with a tinge of regret but I am confident that the momentum we have created can be maintained. I must especially thank Rich Bonanno who has served steadfastly as Chair of the Washington Liaison Committee from before I was hired and through the whole time I have been Director of Science Policy. Rich has performed an enormous service for the societies and has been an excellent source of support and counsel the whole time. Please let Rich know his efforts are appreciated as he now spearheads

access to the journals. There will be an additional \$20 charge of for those desiring a printed copy of Weed Science and Weed Technology.

WSSA Director of Science Policy - Dr. Lee Van Wychen has accepted the position of WSSA Director of Science Policy, replacing Rob Hedberg who took a position with USDA. Lee was a Congressional Science Fellow, working in the office of Rep. Gil Gutknecht (MN), and he also worked in the Legislative Office of Rep. Nick Smith (MI). He received his Ph.D. from Montana State University with Dr. Bruce Maxwell. His BS and MS were from the University of Wisconsin.

WSSA website - Board approved 2 funded positions: Technical Webmaster and Content Editor. No funding levels were set. Next step is to develop specs for the website and develop proposals to go out on bid for redesign/hosting of website. The board is interested in cooperating with the regionals on this. I chair the website committee.

Garden Mosaics - WSSA board approved \$5,000 to support the development of weed pages for www.gardenmosaics.org. Toni DiTommaso is involved in this project.

Other society meetings

2005 CWSS-SCM Meeting - Niagara Falls, Ontario Nov. 26-30, 2005,

2005 NCWSS Meeting - Kansas City Hyatt Regency, December 12-15, 2005

2006 SWSS Meeting - San Antonio, Texas – January 22-26, 2006 at the Omni Hotel

2006 WWS Meeting - March 14-16, 2006 - John Ascuaga's Nugget, Reno, NV

2007 WSSA Meeting - February 5-8, 2007 at the San Antonio Hyatt Regency.

content of the presentation given at the meeting. At least one author must be a current member of the Northeastern Weed Science Society. Papers submitted after the established deadline will be published in the following year's proceedings. Proceedings will be distributed at meeting registration. **Abstracts and papers must be received by Friday October 21, 2005.**

GRADUATE STUDENTS: Please append an asterisk to your name and indicate at the bottom of the abstract that you are a graduate student presenter. This is critical information that is needed for both oral and poster presentations.

PREPARATION OF ABSTRACTS AND PAPERS

Please use Arial font, 12 point. Do not use bold fonts at any place in abstracts or full-length papers.

Format: Title (all CAPS), authors (initials and last name) and authors' affiliations. Graduate student presenters should be identified by an asterisk following their name with a corresponding notation at the bottom of the abstract (see above). Title, author name(s), and author affiliation(s) should be left justified. Do not include the state abbreviation if state name appears in company or university name. The heading ABSTRACT should be centered as in the following example:

WEED RESPONSE TO CULTIVATION. J.P. Smith, H.L. Kim, B.W. Jones, Univ. of Delaware, Newark; and I.M. Weeder, Cornell Univ., Ithaca, NY.

ABSTRACT

(Body of Abstract)

In the body of full-length papers, center and capitalize all section headings (do not use underline or bold in the headings) including abstract, introduction (justification/rationale), procedures, results and discussion, and literature cited. In full-length papers, insert tables and figures in text, rather than at end of paper.

Titles: Titles should contain no more than 100 characters. Avoid using trade names, herbicide chemistry, or scientific names in titles unless essential for clarification. If the title exceeds one line, single space between lines.

Page limitations:

Abstracts: One page of text is permitted with a second page allowed for presentation of a table or figure. Use



**Hilary Sandler
Editor**

GENERAL INFORMATION

Authors may publish abstracts or full-length papers in the Proceedings. Papers should be pertinent to the general area of weed science and should reflect the

single spacing for the entire text. Those submitting only an abstract are encouraged to include a table **if publication elsewhere is not intended.**

Full-length papers: Five pages are allowed with tables and figures included in the text. Use single spacing for the entire text. A charge of \$25 per page will be levied for papers exceeding the five-page limit. All excess page charges must accompany the manuscripts to the editor. Payment should be in the form of a check made out to the Northeastern Weed Science Society. A receipt will be supplied if requested.

All manuscripts:

Tables: Margins for tables and graphs must be within those specified by typing instructions. Reduced copies of tables and graphs may be used, but must be as clear as originals for acceptable printing.

Herbicide names: If a common name has not yet been approved by WSSA, use the code number. Check the Weed Science Society of America's website <http://www.wssa.net> (click Weed Control, then Herbicide Names) for the current list of approved chemical and common names. Herbicide trade names may be used as long as accompanied by appropriate common name. If use of a trade name is required to properly identify product, at first mention use the appropriate common name, immediately followed by trade name in parenthesis. Herbicide trade names are acceptable for clarification of pre-packaged mixtures. ABSTRACTS- omit chemical names and use only common names. FULL-LENGTH PAPERS- at the first mention of an herbicide, except in the title or abstract, give its approved common name or other designation first and follow it with the full chemical name in parentheses or in brackets if there are parentheses within the chemical name. Use only the common name or code name thereafter.

Plant and animal names: In either abstracts or full-length papers, at the first mention of a crop, weed, or other organism give the common name, followed by the approved scientific name. The scientific name should be italicized and in parentheses (use additional parentheses if there are parentheses within the scientific name). Give the genus, species, and authority for the binomial. Include the cultivated variety of a crop plant if known and indicate it by enclosing it in single quotes. Example: Corn (*Zea mays* L. 'Dixie 18'). For cultivar names that are registered trade names insert (R) after the name. For approved common and scientific names of weeds see the WSSA web site. Click on Weed Photos and ID and then on Common/Latin Weed Names. After the first mention, use only the common names. The term

"tolerance" is not used by WSSA. Plants are considered either resistant or susceptible (i.e. triazine-resistant smooth pigweed or glyphosate-resistant soybeans)

Abbreviations: Use abbreviations as shown in the "Herbicide Handbook" or as used in one of the previous year's issues of Weed Science. Abbreviations often causing trouble that are acceptable for NEWSS use (although not in agreement with the CBE Style Manual) include two-letter abbreviations for states, Ci for curie, M for molar (do not abbreviate mole), L for liter, ppmw for parts per million by weight, ppmv for parts per million by volume, ae for acid equivalent, and ai for active ingredient. Do not place a period after an abbreviation in the text. Do not start a sentence with an abbreviation. All abbreviations not shown in Weed Science should be introduced in parentheses immediately after the first use of the word. Example: cation exchange capacity (CEC). Do not use a hyphen for the preposition "to"; or an "x" for the preposition "by", except in tables or figures. Write "1 to 3" rather than "1-3" and "100 by 20" rather than "100 x 20".

Numbers: Use Arabic numbers for all numbers with two or more digits and for all measurements such as time, weight, or degrees except when the number is the first word in a sentence. Spell out numbers when they are the first word in a sentence or when they are less than 10 and not measurements, except when in a series in which one figure has two or more digits. Report only significant numbers.

Measurements and units: It is acceptable to report measurements in English or metric units. In laboratory studies, express concentration of acids and bases in normality (N) and of herbicide and salt solutions in molarity (M) rather than ppm. Use ml rather than cc for all measurements of volume.

Footnotes: Number footnotes consecutively throughout the manuscript except for tables that are handled separately. Do not put acknowledgments in footnotes.

Trade names: Use trade names of such items as equipment only when necessary to describe the materials or methods adequately. Capitalize trade names. Footnote names with the address of the supplier only if the supplier is not commonly known.

Full-Length Papers Only:

Acknowledgments: Give all acknowledgments in a separate section immediately following the Results and Discussion.

Literature cited: Number citations alphabetically and use the number of the reference (in parentheses) in the text. Each citation should include names of all authors, year of publication, complete title, publication, volume number, and inclusive pages, in that sequence. When two or more authors are listed, initials should follow the last name for the first author, but the initials should precede the last name of other authors (see detailed instructions in the CBE Style Manual). Do not leave a space between the period after each initial and the next letter. Books, bulletins, and other similar publications should show as the last entry the number of pages in the publication. Theses, letters, or other communications or publications not normally available in libraries should appear as text footnotes and not in the Literature Cited section.

INDEXING – KEY WORDS

Authors are asked to identify a few key words for each of their papers. This can be done at the NEWSS website <http://www.newss.org>. Log in as a member and then access the Title and Abstract option. The key words are used to make an index to the Proceedings. Please try to select from the established key word list provided on the web site. If an appropriate key word is not available, you can enter key words as needed. Capitalize all key words and state noun first, followed by modifier as shown in the following examples: Maple, red or Corn, sweet. Do not show the authority for binomials. Key words will be indexed into the following two groups.

-Author Name(s): last name, followed by initials.

-Main Subject Index (includes herbicides, weeds, crops, non-crops and subjects). List both common and scientific name(s) for weeds, crops, and non-crop plants.

When listing chemical(s), use WSSA approved common names, or code number only if no approved name is available. Use trade names for pre-packaged mixtures only. Check WSSA's website www.wssa.net (click Weed Control, then Herbicide Names) for the current list of approved chemical and common names.

TYPING INSTRUCTIONS

Paper - Smooth surface, mimeograph type paper.

Page size - 8 1/2" by 11".

Margins - Top and both sides - 1", bottom - 3/4". Indent paragraphs in abstracts and full-length papers.

Corrections - Do not erase; paste on corrections.

Typewriter/Printer - Use 12 point print. Laser print or clear typed copies are recommended and preferred.

Spacing - Single space text, tables, and table and figure headings. Double space between section headings and single space between paragraphs.

Do not use staples or paper clips on the original.
Do not number pages.

Capitalize proper nouns, Table, Figure, etc.

Footnotes - In Tables and Figures, annotate with lower case letters. Number footnotes consecutively in text.

Review abstracts and papers prior to submission.

Please follow instructions and observe the announced deadline (Sept 9 for titles; Oct. 21 for abstracts).

MAILING INSTRUCTIONS

Please use the web site submission if possible. If this is not working, please email abstracts and list of key words to the email address below. If electronic submission is not available, mail an original (**Fax will not be accepted**) and one copy of the abstract or full-length paper, list of keywords on a separate page, and excess page charges (if applicable) to the NEWSS Editor.

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All copies should be mailed flat. Use cardboard on top and bottom when mailing to prevent damage.

ELECTRONIC SUBMISSION

NOTE: Since this is our first time using e-submission through the web site, all authors who experience trouble on the web site and/or prefer to submit abstracts by email or snail mail are welcome to do so. However, please observe the **October 21, 2005 deadline!**

Complete the key word list for each paper at the website www.newss.org. Sign in and access your member profile. Text files (and tables created in Microsoft Word and Excel) can be cut and pasted directly into web site or sent as an email attachment. Upon receipt, files will be printed and if re-formatting is required, authors will be notified for corrections or for a hard copy.

2004 NEWSS Collegiate Weed Contest

Herbicide-Resistant Plants Committee



Mark VanGessel
Chair, HRPC

The Herbicide-Resistant Plants Committee discussed the concerns and issues raised during the 2005 annual meeting regarding a resolution on herbicide stewardship. The two issues of greatest concern were to broaden the scope, and not limited to glyphosate usage and resistance and second to ensure that it can not be construed as encouraging regulation. The resolution in effect supports a herbicide resistance stewardship statement. The committee revised the statement, and voted on it. It passed on a vote of 6 to 1. The Executive Committee discussed the herbicide resistance stewardship statement at the July board meeting and voted to post it to the NEWSS website and allow the full membership to have input. The resolution and statement will be posted shortly after Labor Day and members will be notified about the posting. After the membership has had a chance to make comments and suggestions about the statement, the herbicide-resistance plants committee will further revise it and modify it accordingly. Then late fall there will be a vote on accepting the resolution and statement.



David Johnson
Contest Coordinator

The 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. Jacob Barney, graduate student representative on the NEWSS Executive Board, is conducting a survey of coaches and students to determine response to these rules changes and evaluate if they should be made a permanent part of the contest.

In the farmer problem event, an attempt was made to move away from agronomic problems involving strictly herbicides. 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. The overall results were as follows:

Graduate Division:

1st place team: NCSU (Walter Thomas, Whitnee Barker, Wesley Everman)

2nd place team: Clemson (Mayak Malik, Prashant Jha, Marcos Oliveria)

3rd place team: VA Tech (David McCall, John Willis)

1st place individual: John Willis (VA Tech)

2nd place individual: Wesley Everman (NCSU)

3rd place individual: Prashant Jha (Clemson)

Undergraduate Division:

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

2nd place team: Guelph team A (Phil Aitkin, Gerald Pynenborg, Jim Burns)

3rd place team: Cornell (Kristine Averill, Cameron Douglass)

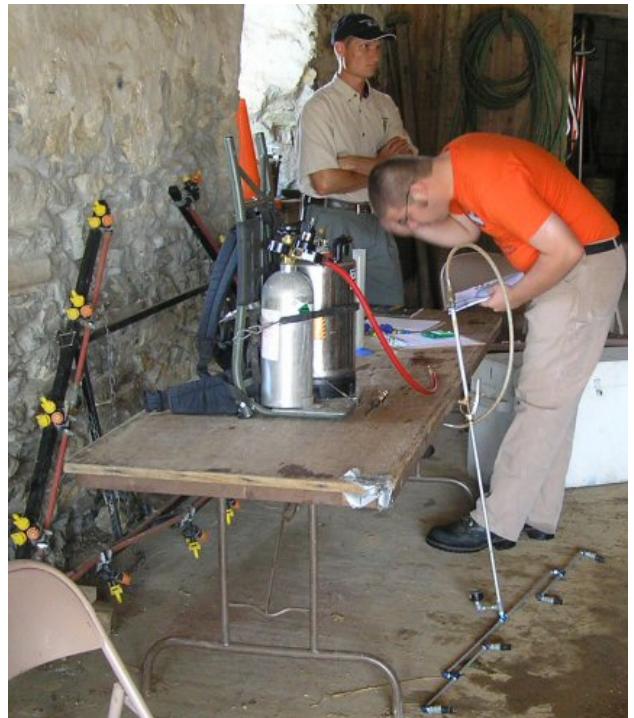
1st place individual: Gerald Pynenborg, Guelph

2nd place individual: Jim Burns, Guelph

3rd place individual: Brian Gowan, Guelph

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

Sprayer Calibration Event



Grower Problem Event



Weed Identification Event





Herbicide Identification Event



Examination



Look for award ceremony photos in the November issue of NEWSS News!

New WSSA Publication

NEW INVASIVE PLANTS PUBLICATION FROM WSSA FILLS NEED FOR AN IMPORTANT PLANNING TOOL

May 2005 – The Weed Science Society of America (WSSA) recently published what has been hailed as the best, most comprehensive information on environmental and economic impacts of invasive plants available today. With references to over 750 scientific studies, *Invasive Plants of Range and Wildlands and Their Environmental, Economic, and Societal Impacts* is a valuable reference for scientists, weed control specialists, resource planners and policymakers who want comprehensive information on acreage infested, rate of spread, and damage caused by sixteen important invasive plant species.

“There are some excellent reference books available that describe weed biology, ecology, and management, but few focus extensively on documented damages caused by invasive plants,” says the book’s co-editor Celestine Duncan. “This information will be critical to quantifying societal losses, prioritizing weed management programs, and forming rational and consistent management decisions.”

Katherine Smith, Director of Resource Economics with the USDA Economic Research Service, is enthusiastic about this new resource. “Its straightforward summarization of a large amount of published work makes it a more useful and decidedly more credible reference than sources that ‘cherry-pick’ to arrive at some bottom-line figure using incompatible research findings.”

John Jachetta, a Senior Research Scientist with Dow AgroSciences LLC, conceived the idea to compile this information in response to land managers expressing a need for quantitative evidence of the perceived losses associated with invasive plants in natural areas. “The original goal of this project was to assess the impact of invasive plants on rangeland and wild lands in the U.S., and then use the information to prioritize research efforts and fill any gaps in the current database. Once we started pulling the information together, we quickly realized the value that this material would have to natural resource planners, policy makers, or anyone who needs quantitative evidence of weed impacts to support their programs.”

The Weed Science Society of America Federal Noxious

Weed Committee, western state weed coordinators, and Dow AgroSciences selected sixteen of the most ecologically and environmentally important invasive plant species in the United States for this review based on their perceived impacts, extent of infestation, and geographic region. Highlighted in this volume are Russian knapweed, musk thistle, diffuse knapweed, yellow starthistle, spotted knapweed, Canada thistle, hawkweed, perennial pepperweed, leafy spurge, Serecia lespedeza, purple loosestrife, downy brome, medusahead, Dalmatian toadflax, tropical soda apple, and saltcedar.

Duncan, along with professionals representing research, industry, and academic disciplines, compiled existing information on 16 invasive plants from national databases, scientific studies, and expert knowledge. The organization of the book allows quick and easy reference to eight categories of impacts including livestock and wildlife; plant communities; rare, sensitive, and threatened species; community function; soil and water resources; human health; economics; and value and use. General descriptions of the taxonomy, botanical characteristics, susceptible habitats, plant distribution, and spread and reproduction are also summarized for each invasive plant species.

The book can be purchased from the Weed Science Society of America through their secure website (www.wssa.net/publications.html), or by phone (800/627-0629). Additional information and order forms are available by contacting Melissa Brown at 406/558.4568 or IPRWmarketing@bresnan.net. Don't miss the opportunity to add this important volume to your library. Order a copy today!

Cartoon Request!



Robin Bellinder
Past President

I continue the process of collecting weed science related cartoons (please see the April 2005 edition of NEWSS News for examples) to post on my web site. If you have any of these lying around the office or taped to your door, I would appreciate you faxing them to me (607-255-0599), or better yet, scanning and emailing them to rbb3@cornell.edu.

Thank you all for your help!

CAST Commentary

July 19, 2005: Ames, Iowa. In response to current concerns about adventitious presence (the unintended commingling of trace amounts of one type of seed, or product, with another) CAST has released a commentary on the subject (Click on PDF file below).



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