

NEWSS News



NORTHEASTERN WEED SCIENCE SOCIETY

August 2007

Comments from the President

Congratulations to the winners in our 25th annual Collegiate Weed Contest last month, and all the participants gave it their best effort. Virginia Tech hosted a challenging event with 45 students participating. Sincere thanks to all the volunteers who worked to make the contest so successful, but especially to Dr. Shawn Askew, Julie Keating and John Willis for their organization and planning efforts. North Carolina State University took honors among the graduate student teams, and one of the Guelph undergraduate teams won in their division. See the details and photos in the Weed Contest article included in this newsletter. It was a very successful event and it is always nice to see the future of our society and industry out in the field – whether it was a field of roses, soybeans or a pasture with a dead goat.

With the heat and dry weather permeating our region, we turn our thoughts to January (cooler temperatures) and our upcoming annual conference. We will meet January 7-10th at the Sheraton Society Hill in Philadelphia, PA. This is a central location for our region which should make travel easy for most of you, and I hope you will enjoy this quaint hotel within walking distance of the Liberty Hill, Betsy Ross House and Independence Hall. The program for the 62nd annual meeting is coming together and you can expect some interesting topics, dynamic speakers and changes to keep you on your toes. Plan to attend our Awards Luncheon on Tuesday – this was well received last year and we are planning another one this year. Based on our survey responses last January, we intend to schedule a session for

all the graduate student contest papers. This will subsequently cause some changes in our breakout sessions, but we want to focus on the students and have everyone present in one session to hear their presentations on cutting-edge research. Our breakout sessions may be a little shorter than usual with fewer student papers. I hope you will make plans to attend this session and see what the **future** holds. Please look for more details about the program in Vice President Dave Yarborough's article, and be alert to deadlines for submitting titles.

Other news from the Executive Committee: Based on input from the January survey, the Executive Committee is working to come up with the top items suggested by the membership and will put this into a multi-year plan. The change in the student paper contest is the first of these suggestions that we are trying to implement. We remain open to ideas and suggestions for moving forward. Other submissions to consider, besides titles, for our program, include Awards for the NEWSS or the WSSA. All the societies have deadlines approaching and we should consider our members who are worthy of recognition.

This newsletter is jam-packed with information and I won't steal the thunder of other EC members. Please take a look for fun photos and dates to remember. I look forward to hosting you in Philadelphia in January.



Highlights:

- INFORMATION ABOUT NEWSS MEETING IN PHILADELPHIA
- DEADLINES AND SUBMISSION INSTRUCTIONS FOR TITLES AND ABSTRACTS
- AWARD NOMINATION DETAILS
- 2007 WEED SCIENCE CONTEST OVERVIEW
- REPORTS FROM COMMITTEE MEMBERS
- SUSTAINING MEMBERSHIP LIST

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Call for NEWSS Awards Nominations

Your NEWSS awards committee includes Bill Curran as Chair, Tim Dutt, Robin Bellinder, Scott Glenn, and Dave Mayonado. We have updated the awards nomination information on the Website (www.newss.org). The major change is the addition in the new Robert D. Sweet Graduate Student Award. Please consider nominating someone and send nominations to Bill (wcurran@psu.edu) by **September 17, 2007**. Specific information is provided below:



Bill Curran
NEWSS
Past-President

and Dave Mayonado. We have updated the awards nomination information on the Website (www.newss.org).

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NEWSS AWARDS CRITERIA

"DISTINGUISHED MEMBER AWARD"

The distinguished member award is one of the highest honors the Society presents. The purpose of this award is to recognize those members, at any point in their tenure, who have made significant contributions to the NEWSS. Criteria for eligibility are simple: the recipient must be a member of the NEWSS and have made significant contributions to the NEWSS and to Weed Science in the Northeast.

- The recipient must be a member of the NEWSS.
- The nomination must be by letter and 2 supporting letters are required.
- The nominating letter should explain in general and specific terms the outstanding contributions of the nominee.
- The contributions must be in regards to NEWSS and weed science in the Northeast.
- The Awards Committee members are not eligible.
- The Award is limited to a maximum of three per year.

"AWARD OF MERIT"

The Award of Merit recognizes career contributions to the NEWSS and weed management in the Northeast. Qualifications for the Award of Merit include: at least five years of participation at the annual

meeting, service to the NEWSS on the executive committee or as a section chair, and presentation and authorship of papers at the annual meetings. The Award of Merit is normally awarded at or near an individual's retirement.

- At least five years attendance at the Annual Meeting
- A combination of two or more listed below:
 - Presented or was the author/co-author of at least two papers at the Annual Meeting, or
 - Served the Society for at least two years on the Executive Committee, or
 - Served the Society for at least two years as a Section Chair

In case of doubt as to whether a member qualifies, the Awards Committee will decide. The Award should be flexible and the purpose or objective of the Award should be the major consideration. Has the person contributed significantly so that the recognition would be meaningful and appreciated?

The "Award of Merit" will be presented to individuals who have retired or are near retirement.

"OUTSTANDING EDUCATOR AWARD"

The Outstanding Educator Award was established to recognize outstanding contributions to outreach education or resident instruction in Weed Science and weed management. Accomplishments that may be considered include (but are not limited to) excellence in Cooperative Extension education, resident instruction, or other educational programs; or the development of novel and effective educational resources in Weed Science. Criteria for the award include:

- Significant impact of an educational program (or programs) on weed management practices in the Northeast; and / or
- Innovative and effective educational programs or materials which have improved or enhanced weed management systems in the Northeast (or show the potential to do so); and /or
- Excellence in teaching, as evidenced by innovative teaching methods or significant impact on their audiences (understanding of Weed Science and weed management).
- Candidates for the award must be active members of the NEWSS. Public and private sector members are eligible.

"OUTSTANDING RESEARCHER AWARD"

The Outstanding Researcher Award was established to recognize NEWSS members for their outstanding research contributions, in the public or private sector, that have had (or have the potential to have) a significant impact on weed management practices in the Northeast. Criteria for the award include:

- Significant impact (or potential for such) of a research program or project on weed management practices in the Northeast; and/or

DEADLINES:

Title Submission:
September 7, 2007

Award Nominations:
September 17, 2007

Abstract/Key Word Submission:
October 19, 2007

August 2007

- Innovative and effective approaches to weed management research and/or
- Development of novel instrumentation or devices used in weed management or weed science research in the Northeast will be considered.
- Candidates for the award must be active members of the NEWSS.
- Public and private sector members are eligible.

“ROBERT D. SWEET OUTSTANDING GRADUATE STUDENT AWARD”

The Outstanding Graduate Student Award was established to recognize outstanding students at the M.S. and Ph.D. levels who are NEWSS student members for their work and contributions to the field of weed science in research, teaching, extension, and to the society. Criteria for the award include:

- Nominees must be currently enrolled as a student or have received their degrees no more than 12 months prior to the annual meeting;
- The nomination must be by letter and 2 supporting letters are required;
- The nominating letter should explain in general and specific terms the outstanding contributions of the nominee;

The nominator should also include the following information on the nominee with the nominating letter:

- Academic and work history;
 - Listing of research publications including those in peer-reviewed journals, bulletins, society proceedings, and popular articles;
 - Teaching experience in classroom and laboratory including teaching assistant (include specific responsibilities) and guest/invited lectures;
 - Extension activities including field days, presentations at meetings, in-service training, civic personnel, schools, and general public;
 - Service to weed science organizations (committees, participation at weed contests, etc.);
 - Honors and awards (highlighting those related to weed science).
- Awards are limited to a maximum of one M.S. and one Ph.D. level award per year, and both level awards are not required to be given in any one year;

Winners of the M.S. level award are also eligible for the award during their Ph.D. program.

2008 Annual Meeting Program

The theme for the January 2008 meeting in Philadelphia, PA will be



David Yarborough
NEWSS
Vice President

The effect of climate change on weeds. Because New Year's Day falls on Tuesday in 2008, the Committee meetings will

start the following week on Monday afternoon, January 7 and the full program will begin on Tuesday, January 8 with adjournment set for Thursday, January 10. Tuesday starts with the Poster Session followed by the general session which will include the traditional Presidential Address and a keynote address to introduce the Climate Change topics, which will then be followed by the Awards Luncheon. The rest of the day will focus on specific presentations given by the climate change symposia speakers. Included will be Dr. Cameron Wake, from the University of New Hampshire Climate Change Research Center who has given talks on Indicators of Climate Change in the Northeast over the Past 100 Years and Dr. Lewis Ziska from the USDA-ARS in Beltsville, who has been quoted recently in Newsweek on his work on climate change impacts on weeds and who has just published a paper in the July-August issue of Weed Science on the effect of CO₂ on the toxicity of poison ivy. There will also be a Graduate Student Mixer in the evening on Tuesday

The remainder of the program will be somewhat different from past programs because this year all of the Graduate Student Contest papers will be put together in one session, which will take place on Wednesday. Be sure to indicate that you want the paper to be considered for the graduate student award so that it may be put in this session. The remainder of the day will begin the concurrent sessions to be followed by the Business meeting and social mixer on Wednesday evening. Concurrent sessions will continue on Thursday and a Turf grass symposium is scheduled for Thursday afternoon. If time allows in each section, a discussion topic will be introduced by the session chair. Another change that we will be implementing is to have longer breaks in the sessions; members have indicated that an important part of the meeting is to network with colleagues, which the longer breaks will facilitate.

On behalf of the Executive Committee, we hope you plan on joining us at the meeting in Philadelphia and to participate by providing a paper or a poster. Please see Greg Arnel's article on the instructions for Call for Papers. Feel free to contact me or any member of the Program Committee if you have any ideas or suggestions for discussion groups or workshops that would add to the sectional breakouts. Click on address below to find a listing of Program Committee members and their contact information. --- <http://www.newss.org/society.php>

Submitting Titles and Abstracts

The following information includes steps about submitting titles and abstracts via our website for the upcoming annual meeting. Please follow the included directions, heed the deadlines, and contact me if there are any questions.



Greg Armel
NEWSS Editor

SIGN-IN. Go to the home page of the web site (<http://www.newss.org>) and sign in as a member using the password, "NEWSS2006".

SUBMIT TITLE. Simply follow the site's instructions for submission. Select your preference for paper section (Ornamentals, Biology and Ecology, etc.). Enter the title and authors' names in the spaces provided. Be sure to use the pull-down menus at the right to indicate member status and to indicate if an author is the presenter or not. It is critical that we know which papers will be competing in the graduate student contest, so please be sure to indicate this on the title submission form. For the September 7th deadline, fill in the title, authors, and affiliations (type in as it would appear in the final abstract). Try to make sure you have everything as you want it before submitting. Click on the "Submit" button when you have entered all the information. There is no way to view your title prior to submission other than what you see on the screen. If you

make an error, you must submit a new form. If I see multiple forms have been submitted by the same author, I will assume the most recent one is the correct one, unless told otherwise.

SUBMIT ABSTRACT. Sign into the member portion of the web site as above and click on the link to submit an abstract. Scroll down to the part of the window and click anywhere in the area designated to hold the abstract. Cut and paste your abstract in the box provided. There is no need to include the title and authors in the "cut and paste" portion since the correct information has already been entered in the boxes at the top of the page. I would recommend making all changes prior to pasting into the submission form. NOTE: If you have changed authors (added or deleted) or made a title change, please send an email to both Dave Yarborough and me (grarmel@yahoo.com and one to davidy@maine.edu) to alert us about the change.

ACTION SUMMARY: For the September title deadline, type in title, authors' info, section preference and submit. For the October 19th abstract deadline, enter author information as indicated, cut and paste abstract, select keywords and submit.

BROWSER ISSUES. We believe the submission process works fine with Internet Explorer. If you are using browsers other than Internet Explorer and seem to be having difficulty getting things to work, please let me know.

Graduate Student Report

Congratulations to all of the winners of the 2007 Collegiate Weeds Contest. We had a very impressive turnout this year, and the contest was loaded with fun and challenging events, especially the putting green shot for an iPod. The event was a great opportunity to polish your weed science skills, while networking with other professionals. Although we have a year before the next event, please keep other students in mind as you progress through the year and encourage them to participate in the 2008 contest.



Matt Ryan
NEWSS Graduate
Student Rep.

don't forget about the poster contest. There will be more details available about the meeting as we get closer to January.

I am in the process of scheduling a graduate student mixer during the first night of the 2008 annual meeting. As the previous Graduate Student Representative, Jacob Barney, did in the past, I intend to make this mixer a fun and enjoyable opportunity to meet up with other students. I will also invite a guest who will be asked to discuss a topic of interest to graduate students. The mixer should be a good time, so keep an eye out for an e-mail message with more details.

While we are on the subject of student contests, over the past year the NEWSS Executive Committee has been contemplating a restructuring of the student paper contest at the annual meetings. After careful deliberation, it was decided that all student papers will be grouped together at the 2008 annual meeting in Philadelphia. There are several benefits to this modification including the opportunity for students to see what our peers are presenting, and it gives the judges a break from having to shuffle from room to room as they have in the past. I encourage all students to participate in this contest because it is really a great way to develop and improve your presentation skills while getting a chance to win cash. Also for those students with a competitive streak,

NEWSS Website:

www.newss.org

(click here for title submissions and other society information)

NEWSS News

Sustaining Membership Report

A new Sustaining Membership fee structure was introduced for 2007.



David Spak
NEWSS Sustaining
Membership Chair

Based on the contributions received and the number of new members, the new fee structure appears to be popular. We have received commitments from 23 organizations which represents an increase of three members over 2006.

We would like to take this opportunity to thank all Sustaining members below for supporting the activities of the society:

2007 Sustaining Members	2007 Level
BASF Corporation	Platinum
Syngenta	Platinum
Bayer Crop Science / Bayer Environmental Science	Gold
Dow AgroSciences	Gold
Dupont Crop Protection	Gold
FMC Corporation	Gold
Monsanto	Gold
AMVAC Chemical Corporation	Silver
BAAR Scientific LLC	Silver
Gowan Company	Silver
OHP	Silver
PBI Gordon	Silver
IR-4 Project	Silver
K-I Chemical USA	Silver
ACDS Research	Bronze
Crop Management Strategies	Bronze
Fore-Shore Weed Control	Bronze
LABServices, Inc.	Bronze
Marbicon	Bronze
Reality Research	Bronze
U.S.G.A. Green Section - Mid Atlantic Region	Bronze
Valent	Bronze
Weeds Inc.	Bronze



Research and Education Report

Below please see a table that shows the 2006 Rhode Island location as compared to the 2007 Annual Meeting in Baltimore in participation in the Accreditation Programs we offered. This reflects only those individuals that sign-up for pesticide license credit or CCA credits and does not reflect overall attendance numbers for at the meetings.



Kathie Kalmowitz
NEWSS Research
and Education
Chair

The Northeast Weed Science Society will plan to offer pesticide license and CCA credits for the 2008 meeting in Philadelphia. With a Turfgrass Symposium being offered with focus on PGR use for superintendents GCSAA credits will also be requested.

Fliers and email notifications will be used to inform outside groups of interest about events and speakers at the 2008 NEWSS Annual Meeting. If you as a member have specific contacts that should be included in these notifications because of their potential interest in our program please contact me at kathie.kalmowitz@basf.com.

Session- Credit Requests			State	Total Number Signatures All Sessions
'06	'07			'06 '07
General Session		4	Connecticut (in Total New England '06)	3
Agronomy	20	18	Delaware	2 20
Industrial/Conservation/Forestry	6	28	Maine	1
Ornamentals	14	3	Maryland	6 38
Turfgrass and PGR's	5	24	New Jersey	5 7
Vegetables and Fruits	6	7	New York (no '06)	24
Weed Biology and Ecology	8	15	North Carolina	6
Horseweed Mgt. Symposium '07 only		11	Pennsylvania	7 30
Ornamental Research Methods - '06 & '07	14	15	Virginia	2 3
Turfgrass Symposium '07 only		22	Vermont	1
Riparian Management Symposium '07 only		17	West Virginia	2 4
Aquatic symposium '06 only	28		(MA, RI, NH) in '06 CN included here RI host state	20 1
			Total Numbers across all sessions	87 167
			Certified Crop Advisor	13 25
			Total Symposium Participants	42 65

2007 NEWSS Collegiate Weed Science Contest

The 2007 NEWSS Weed Contest was held in Blacksburg, VA at Virginia Tech's main campus on July 31, 2007. A total of 45 graduate and undergraduate students participated from six universities. The universities represented at the contest were North Carolina State, Virginia Tech, Penn State, Cornell, Guelph, and Nova Scotia Ag College. Students participated in four contest segments including weed identification, unknown herbicide identification, sprayer calibration, and farmer problems. Shawn Askew of Virginia Tech organized the overall contest event while most of the planning, purchasing, preparing, and worrying was done by his assistant, Julie Keating. The specific contest segments were lead by the following individuals:



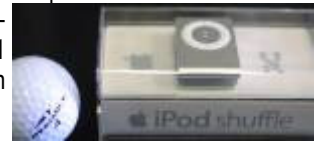
Shawn Askew
2007 Weed
Contest Coordinator

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one of the most challenging events this year as in years past. The nine farmer problem scenarios included:

- Invasive weed identification and management for a newly-acquired property
- A brush pile burn last year deactivates preemergence herbicide in corn
- Insect repellent leaves green footprints on a golf putting green
- Contaminated hay mulch kills tomatoes
- A 10X rate of crop oil makes Cobra "burn" soybeans
- Reclaiming roses totally consumed by weeds
- Sonar in irrigation water creates white rings on golf fairway
- Arsenal prevents fescue establishment on a roadside
- "Your glyphosate killed my goat."

An additional event was offered this year. A long putt competition was established in close proximity to the herbicide ID plots. Students were allowed to attempt a 55 foot putt in competition for an I Pod Shuffle. The winner, at 11 inches from the cup, was Craig Reid from Guelph.



The success of this contest is due to Julie Keating, John Willis and my other employees who took care of the many, many small jobs required of such an event. In addition, my mentors at Virginia Tech, such as Scott Hagood, Lloyd Hipkins, and Jeff Derr provided helpful advice at every turn. The contest could not be hosted were it not for the contributions of volunteers. There are several folks, you know who you are, who selflessly devote both time and money each year to make this contest work. I can't say enough good things about our volunteers and our sponsors. On behalf of Virginia Tech, I would like to thank all of the students, coaches, and volunteers who helped make this event a success and I look forward to next years event.....somewhere in Canada....hint...hint.

The overall results were as follows:

GRADUATE DIVISION:

- 1st place team:** North Carolina State University #1 (Juliana Buckelew, Adam Hixson, George Place, Jared Whitaker)
2nd place team: Virginia Tech (Nathan O'Berry, Mike Weeks)
3rd place team: Guelph (David Van Dam, Gerald Pyenburg, Daryl Vermey, Allan Kaastra)
1st place individual: George Place – North Carolina State University
2nd place individual: Virender Kumar – Cornell University
3rd place individual: Jared Whitaker – North Carolina State University

UNDERGRADUATE DIVISION:

- 1st place team:** Guelph #4 (Craig Reid, Jeff Hyatt, Scott Snowe)
2nd place team: Guelph #1 (William Judge, Joel Hemingway, Adam Pfeffer)
3rd place team: Guelph #2 (Margaret Caldecott, Kelly O'Connor, Lisa Dirksen)
1st place individual: Craig Reid – Guelph #4
2nd place individual: Kelly O'Connor – Guelph #2
3rd place individual: Adam Pfeffer Guelph #1

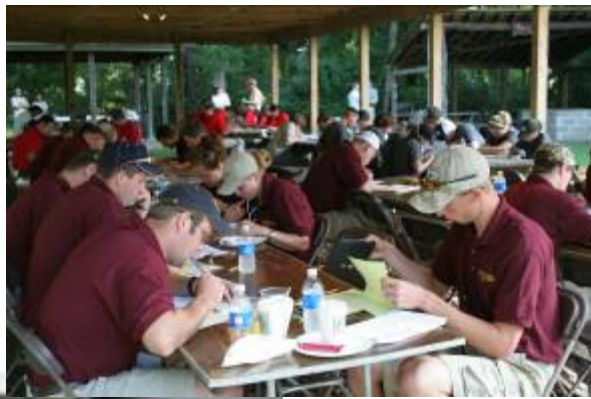
Herbicide Identification	John Willis, Darren Lycan, Kevin Hensler, John Townsend
Weed Identification	James Westwood, Bob Pitman
Sprayer Calibration	Ryan Lins, Larry Norton, Dan Ganske, Pat Hipkins, Whitnee Askew, Grace Hite, Eileen Ketterer, Bryant Almoney, Tommy Hines
Farmer Problems	Chuck Shorter, Greg Armel, Paul Davis, Jerry Corbett, Mike Goatley, David McCall, Diane Reaver, Jeff Derr, David Moore, Steve King, Lloyd Hipkins, Dave Yarborough, David Spak, Matt Goddard, Melissa Bravo, Caren Judge, Scott Hagood, Renee Keese
Van Drivers	Bo Whit, Andrew Monk, Tyler Mittelsteadt, Matt Page, Marc Ailstock
Camera Crew	Ivan Morozov, Dwight Lingenfelter, Ryan McConaghy, Shawn Askew
Contest Organizers	Julie Keating and Shawn Askew
Technical Help	Sarah Wickstrum, Verlyn Stromberg, Brittany Miller, Judy Fielder, Rima Shah, Jerry Baron, Phil Keating, Judy Keating
Scorers	David Mayonado, Bryan Dillehay

The contest has been described by students as "challenging." Our goal in hosting the contest was to include "real-world" scenarios and make the contest fun and educational. Some examples of "real-world" scenarios include the stomach contents containing common poke-weed berries for the Weed Identification event and the goat farmer problem. The herbicide identification plots were planted and maintained by John Willis and turned out to be one of the best stands of planted weeds ever produced. Unfortunately, improved weed and crop emergence does not always correlate into improved student scores as herbicide ID, with an average score range of 30-40% was

Photos from the Contest



Sprayer Calibration Event and Written Examination



August 2007

Grower Problem Event (Role-play)



NEWSS News

Herbicide Identification Event



Weed ID Event



Washington D.C.: Science Policy Report

WEEDS/INVASIVE PLANT LEGISLATION IN THE 110th CONGRESS



Lee Van Wychen
Director of Science
Policy

H.R. 658 / S. 241 – Natural Resource Protection Cooperative Agreement Act

This bill would authorize the Secretary of the Interior to enter into cooperative agreements to protect natural resources of units of the National Park System through collaborative efforts on land inside and outside of units of the National Park System.

This was one of three NIWAW positions that we advocated for in February. The House bill is sponsored by Rep Jon Porter from Nevada. H.R. 658 passed the House on March 19 by a vote of 390-10.

The Senate version, S.241, was introduced by Sen. Ron Wyden, Oregon. On June 26, 2007, the Senate Committee on Energy and Natural Resources, chaired by Sen. Bingaman (NM) reported this bill without amendment after a favorable report from the Department of Interior and the Congressional Budget Office (Senate report 110-105). This bill is awaiting action on the Senate Legislative Calendar and has a very good chance to be signed into law by President Bush by this fall.

S. 1160 - Specialty Crops Competition Act of 2007 introduced by Sen. Debbie Stabenow (MI) on April 19 with 18 co-sponsors. This bill establishes an invasive pest threat identification and mitigation program (including noxious weeds) authorized at \$40 million per year. It would implement an integrated pest management initiative and amend the Homeland Security Act of 2002 to restore import and entry agricultural inspection functions to USDA Animal and Plant Health Inspection Service (APHIS).

S. 1242 - A bill to amend the Federal Crop Insurance Act and 2002 Farm Bill to establish a biofuel pilot program to offer crop insurance to producers of experimental biofuel crops. Introduced by Sen. Jon Tester (MT) on April 26. This bill defines the terms and conditions for an "experimental biofuel crop" to include a determination by USDA demonstrating that there are sufficient safeguards to prevent the spread of the crop as a noxious weed

H.R. 1600 - Equitable Agriculture Today for a Healthy America Act introduced by Rep. Dennis Cardoza (CA) on March 20 and now has 115 co-sponsors. This bill includes many similar provisions as in S. 1160 above as well as a section titled "Invasive Pests and Diseases". It authorizes \$50 million per year for an "Early Pest Detection and Surveillance Improvement Program". However, they define "pest" according to the legal definition given "plant pest" in the Plant Protection Act (7 U.S.C. 7702(14)) – just a few lines of text below the definition for "noxious weed". For the record, the legal term 'plant pest' means any living stage of any of the following that can directly or indirectly injure, cause damage to, or cause disease in any plant or plant product: (A) A protozoan; (B) A nonhuman animal; (C) A parasitic plant; (D) A bacterium; (E) A fungus; (F) A virus or viroid; (G) An infectious agent or other pathogen; (H) Any article similar to or allied with any of the articles specified in the preceding subparagraphs.

H.R. 620 - Rep. Olver (MA), S. 280 – Sen. Lieberman (CT), and S. 317 – Sen. Feinstein (CA) – Three related bills with a goal to reduce greenhouse gas emissions in the U.S. by establishing a market-driven system of greenhouse gas tradeable allowances. Sen. Feinstein's bill, S. 317, is more specific than the other two bills and is the only one to mention invasive species and noxious weeds. Invasive species in S. 317 is defined as a species (including pathogens, seeds, spores, or any other biological material relating to a species) introduction of which causes or is likely to cause economic or environmental harm or harm to human health. In Sen. Feinstein's bill, greenhouse gas reductions projects from agricultural, forestry, wetlands, and other land use-related sequestration projects may only receive offset credits if native plant materials are given primary consideration and Federal- or State-designated noxious weeds or use of a species listed by a regional or State invasive plant councils within the applicable region or State are prohibited.

S. 725 - National Aquatic Invasive Species Act of 2007 introduced by Sen. Carl Levin (MI) on March 1. This bill would amend the Nonindigenous Aquatic Nuisance Prevention and Control Act of 1990 to establish aquatic invasive species reduction and prevention requirements for vessels (including towed vessels and structures) operating in U.S. waters. Some of the main priorities listed in S. 725 include: Requires the National Invasive Species Council (NISC) to establish a federal rapid response team for each of the ten federal regions; Directs the Aquatic Nuisance Species Task Force (ANSTF) to establish a priority pathway management program that identifies those pathways that pose the highest risk for the introduction of aquatic invasive species; and requires the National Science Foundation (NSF) to establish a grant program for researchers at institutions of higher education and museums to carry out research in systematics and taxonomy. The bill would cost about \$150 million per year if the authorized funding was fully appropriated.

2007 FARM BILL

On July 19, the House Agriculture Committee passed their version of the 2007 Farm Bill. Over the last 3 days, they managed to get through over 100 amendments in committee. Next stop is for consideration and amendments on the House Floor. Even if the House passes their version of the Farm Bill before August recess, the Senate is not likely to get to it until September. That being said, the "big hitters" driving the Farm Bill want to see the current 2002 Farm Bill extended as is. There is a high probability that the current 2002 Farm Bill will be extended given the pending 2008 Presidential election, the Doha Round of WTO talks, and of course the influence from the "big hitters". However, 2008 election politics may drive the passage of the next Farm Bill given the swing votes at stake between the Democrats and Republicans and the level of interest in this bill from the highest levels (Pelosi, Reid, Johanns).

The Research Title in the 2007 Farm Bill is a potpourri of the various proposals (The Administration, CREATE-21 and NIFA) that have been introduced up to this point. The bad news is that there is no mention of doubling agricultural research funding. This was a primary goal of the CREATE-21 and NIFA proposals. However, the good news is that the House version of the Farm Bill proposal adopted the Administration's proposal that includes \$50 million per year for the agricultural bioenergy and biobased products research initiative and \$100 million per year for the specialty crops research

initiative. Unlike the Administration's or the CREATE-21 proposal, there would be no merger of the Research Education and Economics Agencies (CSREES, ARS, ERS or FS R&D) in the House Farm Bill proposal.

The National Agricultural Research, Extension, Education, and Economics (NAREEE) Advisory Board would be retained as the principal vehicle for stakeholder input, while also adding the Agricultural Research Institute concept being championed in the CREATE-21 proposal. In the House Farm Bill proposal, the Agricultural Research Institute will coordinate the programs and activities of the research agencies through the following six institutes:

- Renewable energy, resources, and environment
- Food safety, nutrition, and health
- Plant health and production
- Animal health and production
- Agriculture systems and technology
- Agriculture economics and rural communities

Each research institute will have a Director appointed by the Under Secretary, and will formulate programs, develop strategic planning and priorities for department-wide research, education, extension and related activities. The Under Secretary, along with the Directors and in consultation with the NAREEE Advisory Board, will direct research, education, extension, and related programs for relevant departmental agencies, and ensure that strategies and funds are coordinated throughout.

Finally, the a National Institute of Food and Agriculture (NIFA) would be established, but only under CSREES, to administer **all** competitive grants including the National Research Initiative (NRI), which is re-authorized at \$500 million per year.

In the **Conservation Title** passed by the House Agriculture Committee a couple of brief **invasive species** highlights include:

a provision that would allow a producer to conduct prescribed grazing for the control of **invasive species** on Conservation Reserve Program (CRP) lands.

Amending the Environmental Quality Incentives Program (EQIP) to include the promotion of forest management and energy conservation. Forest management practices are defined as activities that may be needed to improve water quality, increase in-stream flows, restore forest biodiversity, or control **invasive species**.

\$425 million for Secure Rural Schools and Community Self-Determination Act

The Secure Rural Schools and Community Self-Determination Act (P.L. 106-393), signed into law in 2000, provides an alternative source of funding for schools and other purposes in counties that were once dependent on timber sales from federal lands. At the time the law was passed, it was estimated to provide assistance to 700 counties in 39 states. The Act also provides funding for (A) road, trail, and infrastructure maintenance or obliteration; (B) soil productivity improvement; (C) improvements in forest ecosystem health; (D) watershed restoration and maintenance; (E) restoration, maintenance and improvement of wildlife and fish habitat; (F) control of **noxious and exotic**

weeds; and (G) re-establishment of native species.

The \$425 million provides funding for a one-year extension of the Secure Rural Schools Act and gives Congress time to find a long-term solution for counties with a high percentage of national forests or federal land. The \$425 million appropriation was part of the much larger Emergency War Funding bill (\$120 billion) that was wrangled over during much of May by the House, Senate and President. Also included in that bill (P.L. 110-28) was \$3 billion for agriculture disaster relief and \$465 million for wildfire suppression.

Standardization of Nomenclature for Weed Definitions

(NOTE: The next 2 pages are background info that is in my Washington Report in the July 2007 WSSA Newsletter- please skip this if you have already read it there).

Recently, I have been dealing with a number of increasing issues concerning the classification of weeds that may greatly impact the mission of the National and Regional Weed Science Societies. The mission of the WSSA (www.wssa.net) is to:

- 1) *Promote research, education, and extension outreach activities related to weeds;*
- 2) *Provide science-based information to the public and policy makers;*
- 3) *Foster awareness of weeds and their impacts on managed and natural ecosystems.*

As a weed scientist, I sometimes struggle with the various classifications of weeds such as noxious, exotic, invasive, alien, nonnative, nonindigenous, volunteer crop and my favorite- plant out of place (no acronym necessary). However, I believe there is a very important role for the weed science societies to help standardize science-based classifications for the public and policy makers as we foster the awareness of weeds and their impacts on both managed and natural ecosystems through research, education, and extension outreach activities.

*Of all the classifications of weeds above, a "noxious" weed is the most straightforward because it's a legal term (7 U.S.C. 7702(10)) defined in the Plant Protection Act (Public Law 106-224). The term 'noxious weed' means any plant or plant product that can directly or indirectly injure or cause damage to crops (including nursery stock or plant products), livestock, poultry, or other interests of agriculture, irrigation, navigation, the natural resources of the United States, the public health, or the environment. In other words, a **noxious weed** is any plant designated by a Federal, State or county government as injurious to public health, agriculture, recreation, wildlife or property. There is a well defined federal process for both listing and delisting plants as federal noxious weeds that is conducted through USDA APHIS. For more info see: http://www.aphis.usda.gov/plant_health/plant_pest_info/weeds/index.shtml*

The word "invasive" is at the forefront of this discussion. What is an invasive weed or invasive plant? There is no mention of "invasive" or "exotic" or "alien" in the Plant Protection Act. Yet, the term invasive weed is increasingly popular in new federal legislation being introduced in the House and Senate (see below). The WSSA will be issuing a new journal during the first quarter of 2008 titled "Invasive Plant Science and Management". The

Washington D.C.: Science Policy Report (cont.)

WSSA is also a major stakeholder in conducting the National Invasive Weeds Awareness Week (NIWAW). Certainly, people seem to “get” the invasive species message because the “message” has been out there much longer thanks to our fellow pest control colleagues working in entomology and plant pathology. Mission statement #2 above is a much easier to convey when I talk to people in Washington DC about “invasive plants” vs. “weeds”.

In the 2002 National Research Council report titled “Predicting Invasions of Nonindigenous Plants and Plant Pests” (<http://www.nap.edu/catalog/10259.html>), a biological **invasion** is defined as a phenomenon in which a nonindigenous species arrives in a new range in which it establishes, proliferates, spreads, and causes broadly-defined detrimental consequences in the environment.

Executive Order 13112, signed by President Clinton in 1999, defines an **invasive species** as “an alien species whose introduction does or is likely to cause economic or environmental harm or harm to human health.”

The Invasive Species Advisory Committee (ISAC) to the National Invasive Species Council (NISC) issued an excellent white paper on invasive species definition clarifications last year. This paper can be found at: <http://www.invasivespeciesinfo.gov/docs/council/isacdef.pdf>

The ISAC definitions white paper was intended to provide a non-regulatory policy interpretation of the term **invasive species** by identifying **what is meant**, and just as important, **what is not meant** by the term. Some of the key conclusions of this paper are:

Invasive species are those that are not native to the ecosystem under consideration and that cause or are likely to cause economic or environmental harm or harm to human, animal, or plant health.

*Plant and animal species under domestication or cultivation and under human control are **not** invasive species.*

*Furthermore for policy purposes, to be considered invasive, the negative impacts caused by a non-native species will be **deemed to outweigh** the beneficial effects it provides.*

This leads me to my last point, or rather question: Do the National and Regional Weed Science Societies need to adopt a standard definition or criteria for an “invasive plant”?

Are all weeds invasive plants?

Are all invasive plants weeds?

Are all noxious weeds invasive plants?

As I mentioned at the beginning of this article, there can be confusion associated with all the various terms used to describe a weed. What is most troubling is that many people in our discipline would have no trouble stating a definitive “yes or no” answer to the above three questions, yet the general public is exposed to many different definitions and classifications. For example, you can go to the USDA Natural

Resource Conservation Service (NRCS) Plants Database (<http://plants.usda.gov/index.html>) and look up “Invasive and Noxious Weeds” (<http://plants.usda.gov/java/noxiousDriver>).

*As you scroll down the “Invasive and Noxious Weeds” page and start searching for different weeds, you also find that crops like corn, soybeans, cotton, rice, wheat, and alfalfa are listed with the description “This plant can be **weedy** or **invasive** according to the authoritative sources noted below.” Can a **volunteer crop** be **weedy**? Can a **volunteer crop** be **invasive**?*

Whether or not a species is considered an invasive species depends largely on human values. Do the National and Regional Weed Science Societies need to make a distinction between an “invasive plant” and a “weed”?

The WSSA Science Policy Committee has agreed that we should attempt to define and standardize the nomenclature surrounding the major classifications of weeds. Many thanks to Jill Schroeder, WSSA President, who has initiated this process by enlisting the help of the Terminology Committee (P22) chaired by Corey Ransom and coordinated by Linda Nelson and the Federal Noxious and Invasive Weeds Committee (E4) chaired by Charles Bryson and coordinated by John Jachetta.

ACTION ITEM: Should each weed science society simply ratify the Invasive Species Advisory Committee (ISAC) white paper on invasive species definition clarifications (found at: <http://www.invasivespeciesinfo.gov/docs/council/isacdef.pdf>)? Or, if the WSSA Federal Noxious and Invasive Weeds Committee and the Terminology Committee can draft definitions, how can we make this an official declaration of the National and Regional Weed Science Societies? Should the APMS, NCWSS, NEWSS, SWSS, WSWS and other affiliate weed science societies also adopt standardized definitions? Lastly, should this be a resolution to be voted upon by all members and what is the timeline for accomplishing this?

WSSA Members Organize 2nd Glyphosate Stewardship Forum in St. Louis

On March 20-21, a broad array of stakeholders from University Weed Scientists, Commodity Groups, Industry Representatives, Farmers, and Federal Policy and Regulatory Officials attended the 2nd National Glyphosate Stewardship Forum (NGSF) in St. Louis, Missouri. I would like commend the principal coordinators, Mike Owen from Iowa State and Chris Boerboom from the University of Wisconsin for their time and effort in organizing this event. Other WSSA members who actively participated in this forum include: Christy Sprague- Michigan State; Bill Johnson- Purdue; Stanley Culpepper-Georgia; Alan York and John Wilcut- North Carolina State; Larry Steckel-Tennessee; Andrew Kniss- Wyoming; Harold Coble- USDA; Bill Chism-EPA; Janis McFarland and Chuck Foresman- Syngenta; Jennifer Ralston-Monsanto; Raymond Forney- DuPont; Mike DeFelice- Pioneer Hi-Bred; and Bob Nichols- Cotton Incorporated. I have undoubtedly missed some WSSA members so I send my apologies in advance.

The first NGSF was conducted in St. Louis in November 2004 and was organized as a result of discussions among several university weed scientists about the potential evolution of glyphosate-resistant weeds and the management challenges they may pose for growers. This group of weed scientists

included: Mike Owen, Iowa State; Chris Boerboom, Wisconsin; Stanley Culpepper, Georgia; Mark Loux, Ohio State; Tom Mueller, Tennessee; David Shaw, Mississippi State; Christy Sprague, Michigan State; and John Wilcut, North Carolina State. A summary of presentations and stakeholder comments from the 1st NGSF can be found at: <http://www.weeds.iastate.edu/weednews/2006/NGSF%20final%20report.pdf>

The executive summary and stakeholder discussion comments from the 2nd NGSF are forthcoming. Some personal observations from 2nd NGSF include:

- Any glyphosate stewardship program should be voluntary and not mandated by regulatory action.
- A consistent glyphosate stewardship message needs to be adopted by all stakeholders for managing the potential evolution of glyphosate-resistant weeds.
- Financial incentives should be provided to crop consultants and herbicide retailers for disseminating a consistent herbicide stewardship message to end-users.

On a separate, but related event, Dr. Stephen Powles from Australia presented a talk at the U.S. EPA on April 4 in Washington DC following the American Chemical Society meeting in Chicago. Thanks to Rick Keigwin, Director of BEAD at EPA for helping to organize the seminar. The topic for Dr. Powles talk was evolved glyphosate resistant weeds around the world. Dr. Powles felt that the current status of glyphosate stewardship was "lamentable" and that much more could be done prevent further weed resistance because glyphosate is "1 in a 100 year herbicide discovery". A particular point he emphasized was not to cut glyphosate application rates.

Herbicide stewardship and resistance management is not a new concept to the WSSA. However, with glyphosate now being applied on over 110 million acres across the U.S., the National and Regional Weed Science Societies need to be provide consistent, science-based glyphosate stewardship information to the public and policy makers.

NIWAW 9 Scheduled for February 24-29, 2008 in DC

Planning for the 9th Annual National Invasive Weed Awareness Week (NIWAW 9) is underway in Washington DC. Dr. Nelroy Jackson will be leading the Invasive Weed Awareness Coalition (IWAC) to help plan and coordinate the week long activities. The WSSA has once again received a \$15,000 Pulling Together Initiative grant from the National Fish and Wildlife Federation in April to help organize NIWAW 9. The slogan for NIWAW 9 is "**Weeds won't wait: Don't hesitate**". The six **invasive weeds** that will be featured on this year's poster are:

- Yellow starthistle
- Cheatgrass
- Beach vitex

- Japanese stiltgrass
- Russian olive
- Giant salvinia

It is interesting to note that only 1 of 6 of the aforementioned NIWAW 9 poster weeds are a federally listed **noxious weed**. Yet all 6 weeds are listed as a **noxious weed** in at least one or more states.

Does everyone in the National and Regional Weed Science Societies consider these 6 weeds to be **invasive**?

Instructions for Contributors to the 2008 NEWSS Proceeding



Greg Armel
NEWSS Editor

PAPERS RECEIVED AFTER DEADLINE WILL NOT APPEAR IN THE 2008 PROCEEDINGS.

INSTRUCTIONS ARE THE SAME REGARDLESS OF ELECTRONIC OR MAIL SUBMISSIONS.

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 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 the meeting. **Abstracts and papers must be received by Friday October 19, 2007.**

GRADUATE STUDENTS: Please be sure to mark the appropriate label in the pull-down menu on the web site (as to whether you are presenting in the contest or not). When preparing the program, it is critical that we know which papers will be included in the graduate student paper and poster competition and which will not.

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, use a 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 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 in the text (not the title) 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 Info and then on Common/Latin 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. It is best to report units in the system in which the study was actually conducted. 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: All acknowledgments should be in a separate section immediately following the Results and Discussion.

Literature cited: List citations alphabetically and use the authors and date of publication (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 abstracts or papers. This can be done at the NEWSS website <http://www.newss.org>. Log in using the password “NEWSS2006”, and then access the Title and Abstract option. The key words are used to make an index to the Proceedings. Please be thoughtful when choosing key words and only list those that are necessary. 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 <http://www.wssa.net> (click Weed Control, then Herbicide Names) for the current list of approved chemical and common names.

SUBMISSION INSTRUCTIONS

Go to the NEWSS web site at <http://www.newss.org>

and enter the password “NEWSS2006” at the appropriate prompt. Follow the instructions on the web site for both title and abstract submission.

Carefully Review titles, abstracts and papers prior to submission. Once you submit on the web site, you cannot make a correction to that submission. You will need to submit a new form in order to correct mistakes. If you have submitted multiple copies, please alert the editor (garmel@yahoo.com). I will assume the most recent submission is the correct one unless told otherwise.

Please follow instructions and observe the announced deadline:

September 7 for titles and October 19 for abstracts.

WSSA Report



Toni DiTommaso
NEWSS
Representative to
WSSA

Annual Meeting

The 2008 WSSA annual meeting will be held in Chicago, IL at the Chicago Hilton Hotel February 4-7, 2008. This is a beautiful hotel located on the Magnificent Mile just off Lake Michigan.

Member registration fees for the 2008 annual meeting will be \$275 early preregistration, \$375 mid-preregistration, and \$430 on site. Student registration fees will be \$180 early preregistration, \$180 mid-preregistration, and \$280 on site. Non-member fees will be \$375 early preregistration, \$475 mid-preregistration, and \$530 on site.

Please check the WSSA website (<http://www.wssa.net/>) for more information on the annual meeting and for exact deadline dates to qualify for the different pre-registration specials.

The call for abstracts for the 2008 WSSA Annual Meeting in Chicago is now out. **Titles and Abstracts** must be submitted electronically by **October 2, 2007**. The submission site will open on September 1 and can be found at <http://www.wssa.net>.

There will be four symposia at the Chicago meeting:

- Invasive Species and the New Bioeconomy; Organizers: Adam Davis, Dan Brainard, and Eric Gallandt
- GIS for Invasive Weed Management and Research (will also include a 1-day workshop); Organizers: Lori Wiles, David Shaw, and Lisa Rew
- Charting the Course of Weed Genomics; Organizers: Patrick Tranel and Neal Stewart
- The Role, Value, and Importance of Complementary Herbicides for Weed Management in Glyphosate-Tolerant Crops; Organizers: D.R. Forney, David W. Saunders and Harold Coble.

As with last year's annual meeting, a graduate student luncheon and possibly symposium are planned. Also continuing at the 2008 meeting will be the “student night out” – an activity where interested weed science professionals take graduate students out to dinner as a way to interact and improve networking/communication skills of the students.

Other WSSA News

The Weed Science Society of America (WSSA) will donate \$10,000 to the International Weed Science Society (IWSS) to support graduate student/young faculty travel to the upcoming International Weed Science Congress to be held in Vancouver, British Columbia, Canada from June 23-27, 2008. The call for abstracts is now out and on-line submission of abstracts will begin October 15, 2007. Early registration costs for the meeting are \$450 for members and \$200 for students. For more details visit the WSSA HomePage at: <http://www.wssa.net>.

There will be an electronic vote in the coming months to elect a new Vice-President of the WSSA (who will become President in 2010). The two candidates are: David Vitolo (Syngenta) and John Jachetta (DowSciences).

Candidates for several positions within the WSSA were selected. These positions will begin in February 2008.

- Abstracts Editor: Wun Chao –USDA-ARS Fargo, ND
- Newsletter Editor: Lynn Frandrich –
- Weed Technology Editor: John Wilcut – NC State- re-appointed to new 3-year term
- Director of Publications: James Anderson –USDA-ARS Fargo, ND

The 2009 WSSA Annual Meeting will be held jointly with the Southern Weed Science Society (SWSS) in Orlando, FL. The International Biocontrol Group (IBG) will also meet in conjunction with the WSSA/SWSS meeting.

The 2010 Annual Meeting will be held February 7-11 in Denver, CO in conjunction with The Society for Range Management.

On-line back issues of the journals *Weed Science* and *Weed Technology* in JSTOR will be available in early December 2007.

The first issue of the new WSSA journal *Invasive Plant Science and Management* (IPSM) is scheduled to be published in early February 2008 in time for the WSSA Annual meeting. The Editor of the new journal is Joe DiTomaso from U-C Davis. Submission of manuscripts to this new journal are welcomed. More information about the journal can be found on the WSSA website at: <http://www.wssa.net/WSSA/Pubs/IPSM.htm>.

The 9th Edition of the Herbicide Handbook should be available in the next couple of months. There have substantial changes to the content and format of the handbook and this has caused some delay in the completion of the project.

Steve Dewey, Utah State University has been appointed as the WSSA/EPA Invasive Terrestrial Weeds Subject Matter Expert. He will provide advice and expertise to this federal agency in matters related to invasive terrestrial plant management.

The WSSA Board Members recently held a facilitated tactical planning workshop focused on the "WSSA Project Review Process". The objective of the workshop was to develop and provide a communication document to help the membership and committees in understanding what projects will receive WSSA support. It also laid out the formal screening and review process by which projects will be evaluated. Examples of projects that were reviewed via this process included the new invasive species journal, *Invasive Plant Science and Management* (IPSM).

On the Move...Where are they now?

In an effort to keep people aware of the whereabouts of various people who have either moved from the northeast or have taken new positions, we are trying to include an updates section in our newsletters. Below are updates on a few people.

- In April 2007, **Dr. Jacob Barney** joined the weed research group of Dr. Joe DiTomaso at UC-Davis as a Post-Doc. Jacob's new contact information is:
Jacob Barney
University of California, Davis
Department of Plant Sciences, Mailstop 4
One Shields Avenue
Davis, CA 95616
Office: 530-752-8284
Email: jbarney@ucdavis.edu
- **Dr. Greg Armel** will be joining the Plant Sciences Department of the University of Tennessee, Knoxville, as an Asst. Professor of Weed Science. Greg's new responsibilities will be to deal with research and extension activities in ornamentals and vegetable crops with additional responsibilities as the states invasive weed specialist.
- **Dr. Joe Dauer** recently graduated from Penn State with his Ph.D. and joined the Dr. Peter McEvoy lab group at Oregon State University as a Post Doc. The lab researches ecology and biological control of plant invasions. Joe will be developing mathematical models for understanding, predicting, and managing plant invasions using ragwort as a model system.
- **Dr. Bryan Dillehay** received his Ph.D. from Penn State and has taken a position with Monsanto Company as a Technology Development Representative in PA and NJ.

Please forward to me (Dwight Lingenfelter, DXL18@psu.edu) any information about yourself or others who have recently moved or changed positions, so it can be included in the next newsletter.

Remember to submit your titles and abstracts
for the 2008 Annual Meeting in Philadelphia

Deadlines:

September 7—Titles

October 19—Abstracts

Submit them via the NEWSS Website @

www.newss.org

WSSA Undergraduate Research Award—2008

The Weed Science Society of America has developed an Undergraduate Student Research Grant designed to encourage and involve exceptional undergraduates in agricultural research. Interested faculty members are encouraged to identify potential award candidates and discuss the possibility of sponsoring a research project. Awards may be used as a stipend, for research budget expenses (travel, supplies, etc.), to defer fees, to defray living expenses for summer research, or any combination of these items.

AWARD: Up to \$1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2008. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

APPLICANT: The applicant is an undergraduate student with a strong interest in Weed Science. Students majoring in all related disciplines may apply.

TO APPLY: Applicants should prepare a 2-3 page research proposal including name, address, phone number, title, objective, experimental approach, discussion, budget and references. The discussion section of the proposal should describe the expected results and their possible significance to Weed Science. The student should provide a cover letter in which general academic and career goals are discussed. A copy of the student's academic transcripts must also be provided.

FACULTY SPONSOR: Any faculty member who is actively engaged in Weed Science research is qualified to be a sponsor. The faculty sponsor should review the research proposal with special attention to the budget; the distribution of funds should be approved by both the student and sponsor. In addition, the sponsor should provide a letter of reference including a statement of his/her willingness to supervise the proposed research and to provide needed space, equipment and supplies above those requested in the proposal. The sponsor is encouraged to assist the student in presenting his/her results at a regional Weed Science Meeting.

HOW TO APPLY: The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: jjjachetta@dow.com. Proposals should be received no later than November 16, 2006. Funding decisions will be made by January 25, 2008 and presented at the 2008 WSSA National Meeting General Session.



NEWSS News

Important Addresses of NEWSS Executive Committee

President: Renee J. Keese

Syngenta Professional Products
985 Arrowwood Drive, Carmel , IN 46033
Phone: 317-846-8812 / Fax: 317-846-8832
E-mail: renee.keese@syngenta.com

President-Elect: Jerry J. Baron

IR-4 Project Headquarters
500 College Rd East, Suite 201W
Princeton, NJ 08540
Phone: 732-932-9575ex4605 / Fax: 609-514-2612
E-mail: jbaron@aesop.rutgers.edu

Vice President: David E. Yarborough

The University of Maine
5722 Deering Hall, Room 414
Orono, ME 04469-5722
Phone: 207-581-2923
Email: davidy@maine.edu

Past President: William S. Curran

The Pennsylvania State University
Department of Crop and Soil Sciences
423 ASI Bldg., University Park, PA 16802
Phone: 814-863-1014 / Fax: 814-863-7043
E-mail: wcurran@psu.edu

Secretary/Treasurer: Chris Becker

BARR Scientific LLC 6374
PO Box 34, Romulus, NY 14541
Phone: 607-342-3610 / Fax: 315-548-9259
Email: becker89@fltg.net

Editor: Greg R. Armel

In transition to Univ. of Tennessee, contact Greg via his email address.
Email: grarmel@yahoo.com

Public Relations Rep.: Dwight D. Lingenfelter

Penn State, Dept. of Crop & Soil Sciences
116 ASI Building, University Park, PA 16802
Phone: 814-865-2242 / Fax: 814-863-7043
Email: DXL18@psu.edu

Legislative Committee Chair: Daniel L. Kunkel

IR-4 Project Headquarters
500 College Rd East, Suite 201W
Princeton, NJ 08540
Phone: 732-932-9575ex4616 / Fax: 609-514-2612
Email: Kunkel@aesop.rutgers.edu

Research & Ed Coord.: Kathie M. Kalmowitz

BASF Corporation
26 Davis Drive, P.O. Box 13528
Research Triangle Park, NC 27709-3528
Phone: 919-270-4592
E-mail: kathie.kalmowitz@basf.com

Sustaining Membership Chair: David Spak

Bayer Environmental Science
981 Highway 42 East
Clayton, NC 27527
Phone: 919-549-4651 ext. 205
Email: david.spak@bayercropscience.com

CAST Representative: Robert D. Sweet

Cornell University, Department of Horticulture
167 Plant Sciences Bldg., Ithaca, NY 14853
Phone: 607-255-5428 / Fax: 607-255-0599
E-mail: sdt1@cornell.edu

WSSA Representative: Antonio DiTommaso

Cornell University, Dept. of Crop & Soil Sciences
903 Bradfield Hall, Ithaca, NY 14853
Phone: 607-254-4702 / Fax: 607-255-3207
Email: ad97@cornell.edu

Graduate Student Representative: Matt Ryan

Penn State, Dept. of Crop & Soil Sciences
116 ASI Building, University Park, PA 16802
Phone: 814-865-6679 / Fax: 814-863-7043
E-mail: mrr203@psu.edu



NORTHEASTERN WEED SCIENCE SOCIETY

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The Northeastern Weed Science Society serves the Northeastern United States by bringing together those who are concerned with the knowledge of weeds and their control; cooperates with other scientific societies to promote research, education, and outreach activities; and publishes scientific and practical information of value concerning Weed Science and related fields.

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