It has been a wet cool summer in the North, and we are looking forward to a warm dry fall and hopefully, a warmer winter. We will be heading north once again for our meeting in 2010. The NEWSS 64th annual meeting will take place on January 4-7, 2010 at the Marriott Boston Cambridge, Two Cambridge Center, 50 Broadway, Cambridge, MA. We met there last time in 2004 with the Northeast Section of the American Society for Horticultural Science, and they will be joining us again so there will be an expanded Fruit and Vegetable section in the program. There are many excellent restaurants, bars and shopping in Cambridge, and Boston is a short subway ride if you want more choices. We will provide details on registration in the November NEWSS Newsletter but the Hotel cutoff date for registration will be December 14, 2009.

Vice President Mark VanGessel and the NEWSS Executive Committee are still working on the program, and Mark will elaborate more on this in his section. We expect the format of the program to be similar to that of last year’s with the Poster Session opening the meeting on the first day followed by the General Session with the Presidential and Keynote address. We will also have our Awards Luncheon to formally acknowledge and recognize the special efforts of our members. We will continue to have our Graduate Student Mixer the first evening and to have the Graduate Student Contest Session as a separate session so that we may all see the great work these students are doing and to prepare them for their research careers by asking some good questions. The Graduate Student Session and Symposium will continue through the next day. We are planning to continue the Industry sponsored Night Cap & Dessert Social that Renee Keese our Past-Past President organized last meeting and has agreed to do again. Thank Renee for her efforts next time you see her. The remainder of the meeting will be comprised of the section presentations, workshops and our Annual Business Meeting on Wednesday before the NEWSS social. I expect we will have another great program and urge you all to come North and participate in it.

We will not be mailing out copies of the program this year, but everyone we have the proper email address for will get a PDF copy prior to the meeting. We will have printed copies at the registration desk when you arrive.

This year’s collegiate weed science contest was a joint venture between the NEWSS and NCWSS (North Central). The contest was hosted by Agri-Business Group on their research farm near Indianapolis, IN on July 23. The meeting was well organized, and the food was great (so consider volunteering at next year’s contest at Cornell University). The Northeast group did very well and captured both of the ‘Golden Hoe’ awards. Barbara will provide the contest details in her section of this newsletter.

Regular registration is now open to attend the second annual Northeastern Weed Science Society (NEWSS) Noxious & Invasive Vegetation Management Short Course (NIVM) on September 21-25th, 2009, at Gretna Glen Retreat in Lebanon County, Lebanon, PA. PesticideRecertification Credits, CCA and Forestry Credits have been requested from represented states.
Call for NEWSS Awards Nominations

It's that time again! The NEWSS Awards Committee, who includes Jerry Baron as Chair, Renee Keese, Bill Curran, Tim Dutt, and Robin Bellinder are soliciting nominations for the:

DISTINGUISHED MEMBER AWARD
OUTSTANDING EDUCATOR AWARD
OUTSTANDING RESEARCH AWARD
ROBERT D. SWEET OUTSTANDING GRADUATE STUDENT AWARD
SERVICE RECOGNITION AWARD

Award nomination information and guidelines are on the Web site (http://www.newss.org). Please consider nominating one or more of your peers by sending the completed nominations to Jerry Baron (jbaron@aesop.rutgers.edu) by September 25, 2009. Specific information is provided below:

"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. Specifically,
- 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 regard to NEWSS and weed science in the Northeast.

There are some limitations - Awards Committee members are not eligible, and 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. In case of doubt as to whether a member qualifies, the Awards Committee will decide.

"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.

"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
- 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.

"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 (1) Academic and work history, (2) Listing of research publications including those in peer-reviewed journals and bulletins, (3) Teaching experience in classroom and laboratory including teaching assistant (include specific responsibilities) and guest/invited lectures, (4) Extension activities including field days, presentations at meetings, in-service training, civic personnel, schools and general public, (5) Service to weed science organizations, and (6) Hon-
Awards are limited to a maximum of one M.S. and one Ph.D. level award per year, but 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.

“SERVICE RECOGNITION AWARD”
The Service Recognition Award was established to recognize outstanding service, above and beyond the call of duty, from someone who works in the area of weed science under the direction of university, federal, industry or private sector scientists. The nominee must demonstrate significant contributions to the field of weed science and/or to NEWSS. Criteria for the award include:

- Employed in the field of weed science.
- A combination of two or more listed below:
  - Presented or was the author/co-author of a paper at the Annual Meeting, or
  - Served the Society for at least two years as a Section Chair, or
  - Organized or had significant input into the Collegiate Weed Contest, or
  - Assisted a NEWSS member with other society duties, or
  - Published a paper in other weed science journals, or
  - Demonstrated other significant weed science activity (public schools or other areas).

A nomination letter and one supporting letter are required. In case of doubt as to whether a nominee qualifies, the Awards Committee will decide. The Special Recognition Award can be presented to service personnel who are not members of NEWSS but support members of NEWSS.

Nomination forms can be found at: http://www.newss.org/docs/mop/addendum-9.pdf

DEADLINES FOR NOMINATIONS
Friday, September 25, 2009
Forward all documents to jbaron@aesop.rutgers.edu or Jerry Baron, NEWSS Awards Chair
IR-4 Project
500 College Road, East
Princeton, NJ 08540

DEADLINES:
Award Nominations: September 25, 2009

2010 Annual Meeting Program

The program for the 2010 Annual Meeting, our 64th meeting, is being finalized and will offer a variety of educational programs. The meeting will be held at the Cambridge Marriott in Cambridge, MA on January 4-7, 2010, and we will be meeting with the Northeastern Branch of the American Society of Horticultural Sciences. Committee meetings and graduate student mixer will be held on Monday afternoon and Monday evening. The poster session will be Tuesday morning followed by the General Session, keynote speaker and the first session of the student papers. The theme for the Keynote Address and Symposium is “Challenges of Food Production in Developing Nations.” A recent FAO report stated that yield loss due to weeds is greater than the impact of plant pathogens or insects, and account for $95 billion (US) lost in food production at the global level. Speakers will address the current challenges of food production and governmental stability in some of the poorest regions of the world. Actions taken by governments, non-governmental organizations, aid agencies and multi-national companies will be presented. The Awards Luncheon will be held Tuesday at noon as we have done in the recent past. Graduate student presentations will begin Tuesday afternoon and continue on Wednesday.

Two workshops are being planned for the meeting. One workshop will feature recent research on weed seed banks and the implications of management practices on seed banks and resulting weed populations. The second workshop will explore interactive extension programming and incorporating new technology into outreach programs. Concurrent sessions will be Wednesday afternoon and Thursday morning.

The Annual Business Meeting will be held Wednesday afternoon and followed immediately with the joint social mixer with the NE-ASHS. As we have had in the past two years, the breaks will be thirty minutes, rather than fifteen, to encourage discussion and networking. So far, no one has mentioned a special symposium or outreach activity for the January meeting. If you have any plans to hold a meeting in conjunction with the annual meeting, please let me know.

I hope to see everyone at the meeting in Cambridge. We encourage your participation through presentations of posters and oral papers, as well as assisting in committees and meeting sessions. If you have a special interest or desire to help out in any way, please let me or any member of the executive committee know. Give thought to a title for the 2010 meeting.
Submitting Titles and Abstracts

We are starting down a new path this year in regard to title and abstract submissions as we will be transitioning from our current site to one housed by the Weed Science Society of America (WSSA). It is a goal to eventually have all regional weed societies (NEWSS, WWSS, SWSS and NCWSS) maintaining their title and abstract submissions through the WSSA site. This year the NEWSS volunteered to be the first society to test out the site, therefore the following information includes steps about submitting titles and abstracts via the new Web site. Please follow the included directions, heed the deadlines and please contact me if there are any questions.

SIGN-IN. The sign-in section should be available starting September 7, 2009. Go to the home page of the web site (http://wssaabstracts.com/) and sign in as a member, and you will create your own password for the site at this time.

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 18 title 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.

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 Mark VanGessel and me (garmel@utk.edu and one to mjv@UDel.Edu) to alert us about the change.

ACTION SUMMARY. Titles will be due on September 18. At this time, we will ask you to enter the site and type in your title, authors’ info, section preference and submit. Abstracts will be due October 23. At this time, we request you to enter the author information as indicated, cut and paste abstract, select keywords and submit.

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

REQUEST. There are always a couple of items that account for the majority of editing issues, and I would ask that you adhere to a few requests prior to submitting your abstracts… 1) If you do not want to pay extra for an extra page do not go over one page of text. In Arial font with 1 inch margins you should aim for ~3,500 characters with spaces. You can count these characters and spacing by highlighting your text and going to your Word toolbar and clicking on “Tools” then “Word Count.” 2) Always use approved WSSA common names for crops and weeds throughout the text. Following the first mention of a plant’s common name place the WSSA approved scientific name for that weed in parentheses behind the common name. Do not put scientific names for weeds in the title of your abstract. 3) Always minimize the use of trade names unless it is an abstract describing the initial evaluations of a new product offering or if multiple formulations of nearly identical herbicide products are being evaluated in the described study. 4) Please try to be consistent with your colleagues in the naming of your institute or business. For example, some may refer to a certain university as “Virginia Tech” or “Virginia Polytechnic Institute and State University.” Last year I tried to standardize everyone based on what the majority of people named the institute or business, so whatever you decide as a group is fine. All I ask for is your assistance in maintaining consistency.

Submit your titles and abstracts for the 2010 Annual Meeting in Cambridge
Deadlines:
September 18—Titles
October 23—Abstracts
Submit them via the WSSA Web site @ http://wssaabstracts.com/
Available September 7, 2009
Graduate Student Report

A big giant THANK YOU!! to everyone at ABG Ag Services for a job well done hosting our first ever, joint Northeastern/North Central Weed Science Society Competition. It was a great success with 31 undergraduates and 54 graduates competing from 11 universities. Congratulations to all our winners. I also want to extend a thank you to all the volunteers that helped throughout the day. It could not have happened without you.

Now as our summer field seasons are ending, it is time to think about the annual meeting. Title submissions are coming up, so be sure your titles for papers and posters are in by 5p.m., September 18th. Let’s keep the momentum going for the poster session. After a scant four posters two years ago, we increased our numbers last year in Baltimore. Remember, there are monetary awards for this event. Also, let’s make sure graduate students are represented in the photo contest. When the call comes out, please remember to submit your weed-related photos for consideration. There are usually monetary awards for this event as well, and the winning photograph appears on the cover of the following year’s proceedings. For the oral student paper competition we will continue with the new format tested last year. This format was well received by graduate students and faculty. All graduate students will present in a graduate student section rather than in specific topic sections. This will allow everyone to see your talks without having to move from room to room. However, there will be a new rule for this competition: ALL presentations MUST be loaded on the section chair’s computer AT REGISTRATION. You will receive an automatic points deduction if you fail to upload your presentation at registration, or if you ask to upload an altered file before the session begins. Please keep this in mind while preparing for the annual meeting so you are ready when you arrive.

This year in Cambridge, there will be an interactive graduate student social event. There will be food and fun for everyone and even a few opportunities for networking. We will keep a bit of the format from last year and have industry representatives and professors announce their available job, internship, and graduate positions. Also this year, we will have a resume book at the registration desk. All students looking for a job or graduate position are free to place their resume/cv in this centralized book, which can be browsed by industry professionals and academic advisors throughout the meeting. This year will be a joint meeting with the Northeast ASHS, so there may be more opportunities than usual. There will be more information about the annual meeting and the graduate social in the November newsletter. Until then, all the best in your graduate studies.

Sustaining Membership Report

Thanks to the following Platinum and Gold level sustaining members for their financial contributions to the 2009 Northeastern and North Central Weed Science Societies collegiate weed contest recently held in Indianapolis, IN – BASF, Syngenta, Bayer Crop Science/Environmental Science, Dow AgroSciences, DuPont, FMC, IR-4, Monsanto, and Valent. A special thanks to Weed Systems, Inc. for partially donating updated spray equipment that the society purchased for Sprayer Calibration. Thanks also to the industry sponsorships solicited by the North Central Weed Science Society. The Weed Contest was a huge success and could not happen without the generous financial and human power support received.

Now is the time to start thinking about your 2010 Sustaining Membership contribution. Solicitations will be forthcoming.

Plan Ahead: All sustaining members are eligible and encouraged to participate in the Commercial Display Session at the annual meeting in Cambridge. This session is held in conjunction with the research Poster Session and is an excellent opportunity to inform attendees of your services and products. Details will be forthcoming in the November newsletter.

Lastly, if your company or organization is interested in holding a meeting in conjunction, before or after the annual meeting in Cambridge, please contact me, and the Executive Committee can connect you with the appropriate hotel personnel to start your planning.

Contact Caren Judge: caren.judge@basf.com (517-668-6012)
The 2009 Collegiate Weed Science Contest was held at ABG Ag Services near Indianapolis, IN with teams from the NEWSS & NCWSS in attendance. All total, 14 grad teams and 9 undergrad teams participated from 11 universities. The NEWSS universities represented at the contest were Virginia Tech, Penn State, Cornell, and Guelph. The NCWSS universities represented at the contest were U. of Illinois, U. of Missouri, Michigan State, Ohio State, U. of Tennessee, U. of Nebraska, and Kansas State. Students participated in four contest segments including weed identification, unknown herbicide identification, sprayer calibration and farmer problems. Each region was awarded separately. However, the top grad and undergrad team over all universities was awarded the “Golden Hoe” award. Congratulations to the two teams from the Northeast, Penn State—grad (A) and Guelph—undergrad (E), for placing 1st!

The results for the NEWSS participants were as follows:

**GRADUATE DIVISION:**
1st place team: Penn State (Franklin Egan, Benjamin Crocket, Ryan Bates, Nelson Debarros) (A)
2nd place team: Guelph (Scott Cressman, Chase Phillips, Joel Hemingway, Ben Rosser) (B)
3rd place team: Guelph (Meghan Moran, Melody DeJony, Marijke VanAndel) (C)
1st place individual: Angela Post—Cornell (D)
2nd place individual: Nelson Debarros—Penn State (D)
3rd place individual: Ryan Bates—Penn State (D)

**UNDERGRADUATE DIVISION:**
1st place team: Guelph #1 (Andrew Reid, Blair Freeman, Scott Timmings) (E)
2nd place team: Guelph #2 (Ryan Stafford, Craig Arnett, Amanda Green) (F)
3rd place team: Guelph #3 (Wesley Emmott, Thomas Judd, Ryan Benjamens, Eric Schroeders) (G)
1st place individual: Andrew Reid—Guelph (H)
2nd place individual: Blair Freeman—Guelph (H)
3rd place individual: Amanda Green—Guelph (H)

The goal of the contest was to include “real-world” scenarios and make the contest fun and educational. Thanks to all of the students, coaches, and volunteers who helped make this event a great success!

(Weed contest highlights and team photos of the NEWSS and NCWSS participants will be featured in the November newsletter.)
2009 NEWSS Collegiate Weed Science Contest Winners
August 2009

Sprayer Calibration Event and Written Examination

Herbicide Identification Event
NEWSS News

Herbicide ID cont-

Grower Problem Event

Weed ID Event
August 2009


WASHINGTON REPORT
August 12, 2009
Lee Van Wyck
Director of Science Policy

Federal Court Says You Need a Clean Water Act Permit

On August 3, 2009, a federal appeals court denied an industry petition to reconsider its ruling that pesticide applications to, over or near waters of the United States require permits under the Clean Water Act (CWA). The only remaining legal option for industry is an appeal to the Supreme Court, which must be done within 90 days. A legislative fix is possible, though not likely, in the near term.

The Clean Water Act requires a National Pollutant Discharge Elimination System (NPDES) permit in order to discharge pollutants from point sources onto navigable waters of the United States. Since the passage of the CWA in 1972, EPA has NOT required a NPDES permit to apply aquatic pesticides as long as those applications comply with the labeled use under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA).

The WSSA wants to ensure that FIFRA remains the preeminent federal law for pesticide regulation that protects both people and the environment. The extensive research and science-based risk assessments required by FIFRA should not be jeopardized by politics or judges.

The WSSA has been working diligently to provide science based information to the public and policy makers as this moves forward. In May, the WSSA helped organize a fact-finding field tour for key EPA headquarters staff to gain a better understanding of how aquatic pest management decisions involving pesticides are regulated, applied and monitored by state and federal authorities. The details of this trip along with the background of the court cases and EPA federal rules leading up to the current appeals denial are in the report titled “EPA Florida Aquatic Pesticide Tour” on the WSSA website. Many thanks to Jill Schroeder (WSSA-EPA liaison) and Kurt Getsinger (APMS, Army Corp of Engineers) for their excellent work on this issue.

The CWA will have a huge impact on our discipline if CWA NPDES permits are required for pesticide applications “in, over, or near water.” The citizen lawsuit provisions in the CWA (but not in FIFRA) will be an incredible burden on everyone.

There are several avenues being pursued to ensure that pesticides applied in accordance with FIFRA are exempt from any CWA regulation. As mentioned above, the only remaining legal option is an appeal to the Supreme Court and a Congressional fix may be possible, though not likely this fall.

In the meantime, EPA has until April 9, 2011, to implement an NPDES permit system for all pesticides applied in, over, or near water. If all else stays the same, every pesticide application “in, over, or near” water will require a pesticide applicator to apply for a Clean Water Act permit by April 9, 2011.

EPA plans to release a draft version of an NPDES general permit for public comment by April 2010. States will be required to do their own permitting, but EPA would not object to “plagiarism” of its general permit. State general permits must be approved by EPA prior to April 9, 2011.

An NPDES General Permit will allow an applicator to perform certain activities (mosquito control, aquatic weed control, etc.). Applicators would need to file a ‘notice of intent’ (NOI) that would be good for a given period of time. The NOI is intended to be a simple 1 to 3 page form with name, address, application type, discharge area, etc. Pesticide applications should be able to be made within 2 days to a week of NOI submission. EPA does not believe that individual NOI’s should be made available to the public, although general permits could be made public.

EPA estimates that Clean Water Act permits will be needed for 500 different pesticide active ingredients used in about 3,700 products by about 365,000 applicators in approximately 5.6 million applications a year. The WSSA will continue to work with all stakeholders to ensure that the best available science reaches our policymakers.

Bill Curran Attends CoFARM/BESC Congressional Visits Day in D.C.

In April, Dr. Bill Curran traveled to Washington DC for the Coalition on Funding Agricultural Research Missions (CoFARM) and the Biological and Ecological Sciences Coalition (BESC) Congressional Visits Day (CVD) to represent WSSA. This year, scientists and researchers from 24 states and over 30 institutions traveled to the nation’s capitol. Since 2003, CoFARM and BESC have teamed up to organize a CVD to support funding for USDA and NSF research programs.
During the first day, CVD participants were briefed on aspects of the USDA and NSF research budgets by the following speakers: Kei Koizumi, White House Office of Science and Technology Policy; Robert Sterner, Director of the NSF Division of Environmental Biology; Mark Poth, Director of USDA Competitive Programs; Marcy Gallo, Professional Staff, House Subcommittee on Research and Science Education; and Nadine Lynn, Ecological Society of America & BESC Co-Chair. Following the briefings, we held a reception on Capitol Hill honoring the support and contributions of Rep. Maurice Hinchey (D-NY) and Sen. Richard Durbin (D-IL). Both Congressmen are members of the Agriculture Appropriations Committees in the House and Senate, respectively.

On our second day, Bill and I began our day with a CoFARM sponsored breakfast in the Secretary’s Dining Room at USDA where we met leaders from the USDA Research, Education, and Economics mission area. Things were quite hectic that morning at USDA as Dr. Rajiv Shah was making his first visit to USDA for a briefing after being nominated to serve as the Under Secretary for Research, Education, and Economics. Dr. Shah was later confirmed by the Senate and sworn into office on June 2, 2009. Following breakfast, Bill and I, along with Dr. Robin Huettel, headed to Capitol Hill to begin our Congressional Visits. Dr. Huettel is a nematologist at Auburn University, thus our congressional visits team was quite savvy on pest management issues. Our meetings with Pennsylvania and Alabama House and Senate staff members went very well as we covered a range of pest management and invasive species topics. Thank you Dr. Curran for taking the time and effort to travel to D.C. to represent the WSSA and to increase the awareness on Capitol Hill for the research funding needs for weed science.

FY 2010 Ag Research Funding Increases Approved by Senate

The House and Senate have now each passed their version of the Agriculture Appropriations bill (H.R. 2997). Under the Senate bill, the Agricultural Research Service (ARS) would receive $1.3 billion, $126 million (11.4 percent) more than the President’s request and a $22 million (1.8 percent) increase over FY 2009. The National Institute of Food and Agriculture (NIFA), formerly the Cooperative State Research, Education and Extension Service (CSREES), would receive $1.3 billion, $135 million (11.5 percent) more than the President’s request and an $80 million (6.5 percent) increase over FY 2009. Within NIFA, several agricultural research coalitions have been working on a “doubling campaign” based over the next 5 years for the Agriculture and Food Research Initiative (AFRI), formerly known as the NRI. Funding was $193M in FY 2008 and $201M in FY 2009. Our goal for USDA’s premier competitive research grant program is $250 million in FY 2010 (exclusive of any Section 406 Program funding), and $500 million by FY 2015. The House passed agriculture appropriations bill funds AFRI at $213 million for FY 2010. However, the Senate ag approps bill passed last week funds AFRI at $295 million in FY 2010. The difference will be worked out in conference when both chambers return from August recess in September.

Part of USDA NASS Pesticide Reporting Program to Resume

In 2007, USDA announced that it would be discontinuing its pesticide reporting program conducted under the National Agricultural Statistics Service (NASS), despite protests from WSSA, industry, commodity groups, federal and state regulatory agencies and advocacy groups who wanted the effort retained. At that time, budget constraints on USDA led to the decision to cut the $8 million program from NASS’s annual budget of $160 million. The NASS pesticide use reporting program was initiated in 1990 and was the only publicly available and most statistically reliable source for this data.

However in May 2009, USDA NASS announced a notice of intent to resume the Fruit Chemical Use survey along with its associated publication. The Fruit Chemical Use Survey collects data regarding pesticide usage and pest management practices used on targeted fruit crops. NASS will resume this information collection and will publish the Agricultural Chemical Usage 2009 Fruit Summary on July 28, 2010. For further information contact: Joseph T. Reilly, Associate Administrator, USDA-NASS at (202) 720-4333.

Interior Department Creates Office of Youth in Natural Resources

Secretary of the Interior Ken Salazar recently signed an order establishing an Office of Youth in Natural Resources at the Department of the Interior. The new office will coordinate a department-wide youth program to introduce young Americans from all backgrounds to the beauty, values and importance of our national parks and monuments, refuges, public and tribal lands and to promote an ethic of and appreciation for volunteerism and conservation among young people. The signature program for the new Office will be the 21st Century Youth Conservation Corps, which will be modeled after Roosevelt’s Depression-era Civilian Conservation Corps. The aim of this new initiative is to involve young people in conservation projects and provide training for a new cadre of park managers and conservation professionals.

Lee Van Wychen, Ph.D.
Science Policy Director
Lee.VanWychen@wssa.net
Instructions for Contributors to the 2010 NEWSS Proceeding

PAPERS RECEIVED AFTER DEADLINE WILL NOT APPEAR IN THE 2010 PROCEEDINGS.

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 23, 2009.

GRADUATE STUDENTS: Please be sure to mark the appropriate label 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.

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.

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 Web site 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.

Page limitations

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.

All manuscripts

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NEWSS News

ingredient. Do not place a period after an abbreviation in the text. Do not start a sentence with an abbreviation.

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.

NEWSS Vice President Nominations

The Executive Committee is requesting nominations from the membership for the NEWSS Office of Vice President. The Vice President serves as Chair of the Program Committee and automatically succeeds to the offices of President-Elect, President and Past President. Nominations for Vice President will have been members of NEWSS for at least three years. Send nominations to the Nomination Committee Chair by October 1, 2009.

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DEADLINES:

Title Submission: September 18, 2009
Award Nominations: September 25, 2009
Abstract/Key Word Submission: October 23, 2009

Please follow instructions and observe the announced deadline:

September 18 for titles and October 23 for abstracts
**NEWSS News**

**NEWSS Noxious & Invasive Vegetation Management Short Course**

Regular registration is now open to attend the second annual *Northeastern Weed Science Society (NEWSS) Noxious & Invasive Vegetation Management Short Course* (NIVM) on September 21-25th, 2009 at Gretna Glen Retreat in Lebanon County, Lebanon, PA. Pesticide Recertification Credits, CCA and Forestry Credits have been requested from represented states.

This year’s course is being taught Dr. William S. Curran, Dr. David Mortensen, Mr. Art Gover, Ms. Melissa Bravo and Mr. Tim Abbey from Penn State University; Dr. Toni DiTommaso, Cornell University; Dr. Les Mehrhoff, University of Connecticut; Dr. Todd Mervosh, Connecticut Agricultural Experimental Station; Dr. Tim Block, University of Pennsylvania; Dr. Greg Armel, University of Tennessee; Mr. Brian McDonnell, National Park Service; Dr. David Hillger, Dow Agro Sciences; Mr. David Scott, Pennsylvania Department of Agriculture; Dr. Rob Richardson, North Carolina University; and Dr. Michael Netherland, University of Florida.

Tentative Course Summary: The 4 day terrestrial portion of the course registration begins Monday morning from 8:00 to 11:00 a.m. concurrent with the morning weed identification stations. Course introduction, an outdoor Weed Hunt, and introduction to Herbicides Labels will be offered Monday afternoon followed by an evening on-site BBQ. Species specific fireside chats with instructors and registrants are being offered each evening based on an optional sign-up format. Tuesday’s lectures include EDRR, What’s on the Horizon, Biocontrol and Plant Physiology and Herbicide Translocation. Tuesday afternoon core lectures include Regulations, PPE Wear and Safety followed by group dinner offsite. Wednesday begins an intensive day of core lectures including Environmental Fate, Mode of Action, Formulations and Surfactants in the morning followed by outdoor workshops such as Beginner and Advanced Applicator Spraying and Calibration, Beginner and Advanced Applicator Scouting, Inventory and Technologies and an equipment demonstration. Thursday begins the all day outdoor Rails to Trails Species Specific Weed Management talks with all instructors and ends at a 5 acre infested Kudzu site (weather permitting) where registrants and instructors will compete in a Weed Challenge designed to incorporate the materials taught at the course. The one day aquatic program begins Friday with registration and includes weed i.d.; herbicides and weed management scenarios with the course ending at 5:00 p.m. Lunches, the BBQ, a course binder and plant identification books are included in the registration fees.

Registration forms are available by contacting Melissa Bravo at mbravo@state.pa.us. Please complete the form, and mail it along with your check to Melissa Bravo, Bureau of Plant Industry, PA Department of Agriculture, 2301 North Cameron Street, Harrisburg PA 17110. Checks should be made payable to the *Northeastern Weed Science Society* (or NEWSS) and put “NEWSSNIVM” in the memo line. All registration fees must be prepaid; enrollment is based on receipt of payment and is limited to the first 75 registrants. Please return the form with your payment before August 30, 2009. Federal and state agency vouchers can be accepted if pre-approved.

Registrants will be mailed the course brochure, staff directory and lodging information once registration forms are received. Thank you for your interest in the *Noxious and Invasive Vegetation Management Short Course*, and we look forward to meeting you this fall!!!!!

Sincerely,

Melissa A. Bravo, Coordinator for NEWSS NIVM Short Course

**WSSA news**

The 2010 WSSA Annual Meeting will be held in Denver, Colorado, February 7-11, 2010. Visit [www.wssa.net](http://www.wssa.net) for more details.

Advancements in Automation and Machine Guided Technologies for Precision Weed Control

This will be the topic of a symposium at the upcoming 50th Annual Meeting of the Weed Science Society of America in Denver, Colorado, February 7-11, 2010. Producers across the nation and worldwide are dealing with issues associated with weed control, including site specific applications, integrated weed management and application timing. Come to the symposium and hear about how the potential for improving weed control using automation and machine guided technologies can help address these pertinent, production-based weed control problems. The symposium will feature biosystem engineers, industry representatives and crop producers who have experience with the latest weed control technologies for organic and conventional cropping systems. The panel of experts will share their insights on current research and the prospects for future applications of machine-guided technologies for controlling weeds. The symposium will also feature a question and answer session between the panel and the audience. Be sure to mark this symposium as you plan your schedule for the meetings in Denver. It will be one of the highlights of your week! For more information go to [http://www.rangelands.org/denver2010/index.shtml](http://www.rangelands.org/denver2010/index.shtml) or to [www.wssa.net](http://www.wssa.net).
CAST has just been given a very exciting opportunity! We will be serving as Agricultural Content Advisor for the National Public Television Insights series hosted by internationally renowned journalist Hugh Downs.

In their search for a Content Advisor, Insights’ Programming Directors examined CAST’s mission, history, and continuing reputation as a source of objective, science-based information. They were impressed with CAST publications, and especially with the CAST Web site. CAST’s global network of experts representing academia, government, industry and the private sector will provide the scientific validity so crucial to the Insights program. This new opportunity holds great promise for gaining more public exposure for CAST. Also, hopefully, our process will assure that more people will become aware of credible science-based information.

Exploring new forms of media to communicate CAST information is as important as having the best inputs to develop into media to inform the public about the scientific world they encounter daily.

Below is a copy of the Insights announcement released this summer. To see what types of programs CAST will be involved with, go to the Insights web site (http://www.insightshd.com) and click on “Agriculture.”

*Insights with Host Hugh Downs Invites the Council for Agricultural Science and Technology as Advisor*

Council for Agricultural Science and Technology invited to participate in Public TV Series as Content Advisor

*Insights* have extended an invitation to the Council for Agricultural Science and Technology to produce content for a nation-wide series on agricultural science and technology. Dr. John Bonner, CEO for the Council for Agricultural Science and Technology, said, “CAST is excited to help advise the *Insights* staff on agricultural topics for this new series. Consumers and experts alike will benefit from this information.”

The *Insights*’ Executive Producer said, “CAST continues to build a reputation and visibility on Capitol Hill and with policymakers within many agencies of the federal government. Their expertise is unmatched in their industry, and they are a model group to be advisors on the series.” The senior producer of the series said, “We look forward to working with them because their expertise not only exists in their executive committees, but in and through their member societies and associations that will equally aid the program with their insight and direction.”

*About Insights Hugh Downs:* The *Insights* series is distributed to Public TV through a national distributor and highlights the best and most compelling educational stories. Each segment is hosted by America’s most well-known anchor, Mr. Hugh Downs. For more information visit www.insightshd.com or call (772) 647-0030.

*About The Council for Agricultural Science and Technology:* The mission of The Council for Agricultural Science and Technology (CAST) today continues to embrace the idea that all agriculture-related scientific societies will work in harmony to address agricultural subjects of broad public concern. Topics are identified that are particularly relevant and important to our society. Furthermore, the efforts of task forces not only clarify issues and concerns, but also assimilate the most accurate information available on the subject. CAST continues to contribute in a very positive way to a better society.

For more information visit http://www.cast-science.org

Adobe Flash required to view the Insights video. Most systems will prompt to upgrade or install. System requirements for Flash 10 can be found at: http://www.adobe.com/products/flashplayer/systemreqs/

**Remember to submit your titles and abstracts for the 2010 Annual Meeting in Cambridge**

**Deadlines:**

September 18—Titles

October 23—Abstracts

Submit them via the WSSA Web site @ http://wssaabstracts.com/

Available September 7, 2009
**WSSA Undergraduate Research Award—2010**

The Weed Science Society of America (WSSA) 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 $1,000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2010. 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, Email address, 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, Email: jjjachetta@dow.com. Proposals should be received no later than November 16, 2009. Funding decisions will be made by January 22, 2010, and presented at the 2010 WSSA National Meeting Awards Ceremony.

**Other Announcements**

The CropLife Foundation, in conjunction with CNFA’s Farmer-to-Farmer Program is soliciting applications for three US weed scientists to travel to Tanzania, Kenya, and Malawi in 2009-2010 as part of the CNFA and CropLife Foundation’s African Weed Control Demonstration Project. The participants will provide technical oversight and assistance in the setting up and supervision of weed control demonstration plots on farmer fields. Approximately 25 demo plots will be established in each country. The crops will be maize, groundnuts and beans. Volunteers can spend up to three weeks overseas during the course of the project. CNFA arranges, and pays, for all travel, accommodations, visas and other logistical issues for volunteers.

This project specifically looks to improve the lives of women and children in these countries by using improved weed control methods so they may eliminate the debilitating, backbreaking labor of handweeding and to increase crop production through more effective weed control.

For information on the Farmer to Farmer Program, please visit: [http://www.cnfa.org/farmertofarmer](http://www.cnfa.org/farmertofarmer)

For information on the first year of the African weed control demonstrations, please visit: [http://www.croplifefoundation.org/cpri_articles.htm#africa](http://www.croplifefoundation.org/cpri_articles.htm#africa)

If interested in becoming a volunteer for the project, please contact Leonard Gianessi at lgianessi@croplifefoundation.org
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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.

NEWSS Web site:
www.newss.org

Thanks to our Sustaining Members for their support!

Cambridge, MA will be the site for the 2010 NEWSS Annual Meeting. We hope to see you there!

Above photo and that on page 1 courtesy of Boston Marriott, Cambridge