

NCWSS • News

North Central Weed Science Society

Vol 30, Number 2, Summer 2013

www.ncwss.org

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President's Message Dave Johnson

I hope the weather has finally cooperated enough for you to get your summer research established and well on its way. Certainly here in Iowa we have struggled to find a few days to get things planted (Iowa had the wettest May on record), and now need the wind to cooperate so those of us doing spray trials can get them done. In the meantime, the NCWSS Board of Directors met at the Hyatt Regency in Columbus in mid-

June to conduct Society business and meet with the Hyatt convention staff to discuss our needs for the 2013 annual meeting (December 9-12) and see the facilities. NCWSS has met at this venue twice before so it will be familiar to some of you.

I hadn't been in downtown Columbus for several years and was impressed by the urban renewal that has occurred there. The downtown appeared clean and safe, and there is a vibrant restaurant scene within a few blocks of the hotel. I look forward to checking more of Columbus out in December.

One of the items of business discussed at the Board of Directors meeting was planning for the 2013 annual meeting. Program chair JD Green and Local Arrangements chair Mark Loux are working together to ensure we have an informative, fun, and valuable meeting for our members. JD and the Program Committee are considering a number of interesting and timely symposia ideas and speakers for our general session. The call for volunteered paper submissions is in this newsletter, and we are again using the WSSA paper submission process, so please see the instructions and get your titles submitted by the due date.

Two of the main features of the annual meeting are the student paper and poster contests, organized by the Resident Education Committee. As always, the committee will need judges to help them with these contests, so please consider volunteering to be a

**If you are a member of
the NCWSS and have
material you would like
to submit to the
Newsletter, please send
it to:**

**Harlene Hatterman-
Valenti at
H.Hatterman.Valenti@ndsu.edu**

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President's Message - Continued

judge and providing feedback to our students in this valuable experience.

The Strategic Planning Committee, lead by Brian Jenks, has been hard at work considering ways to improve the NCWSS experience and value for our members. At the 2012 meeting we instituted the voluntary recording and posting of annual meeting presentations and posters at the NCWSS website on a trial basis. A few members have taken advantage of this opportunity to view presentation materials after the meeting, and we are working to formalize this process for future meetings. (Note: to view presentations from the 2012 meeting go to the NCWSS website at www.ncwss.org, log in to your account, and click on "view presentations" on the left side. You can then click on the presentation you are interested in.) Presentations will remain on the website for one year following the meeting. We are also working to implement some ideas to enhance student opportunities and experiences, and sub-committees have been formed to explore these possibilities, probably for implementation at the 2014 meeting.

Don't forget the 2013 Student Weed Contest, which will be hosted by Monsanto at their facility near Monmouth, IL on July 24 and 25. Details can be found at <http://>

www.ncwss.org/weed-contest.php. They are well along on planning what should be a fun contest for our students. We will be hosting several teams from the Northeastern Weed Science Society, with separate awards being giving for winning schools and individuals from each region. I participated in contests at the Southern Weed Science Society as a graduate student (more than 25 years ago!), and it was one of the most valuable learning experiences I had. I highly encourage all students to take advantage of this opportunity to learn, interact with other students, faculty, and industry personnel, and have some fun.

Before closing, I want to acknowledge NCWSS Fellow Mike Barrett's appointment as WSSA's EPA Liaison, filling the position held by Jill Schroeder for the past several years. In this role, Mike will represent the weed science community to the EPA on subjects like herbicide registration, spray drift management, invasive species management, etc, helping regulators understand the issues of practical weed management. Best of luck to Mike and thanks to Jill for her contributions in this important role.

Have a safe and productive summer, and I look forward to seeing you at the Weed Contest and annual meeting.

Call for Fellow Nominations

The Fellow nomination period is now open. Please take the time to nominate distinguished members of the North Central Weed Science Society for the Fellow award. Each year the NCWSS can recognize up to 0.5 percent of its members as a Fellow. This award is presented to those who have made significant contributions to our Society and the discipline of Weed Science. Eligible nominees must have been active in the NCWSS and should have made substantial contributions in more than one of the following areas: 1) Professional publications, 2) Educational contributions other than publications, 3) Development or improvement of Weed Science programs, practices, or products, 4) Service of NCWSS, 5) Service to Weed Science outside of NCWSS, and 6) Other professional contributions.

The NCWSS has several members worthy of recognition as Fellow. The nomination procedure is described in the Manual of Operating procedures on page 25, Section III, Chapter 2 on the NCWSS Website: <http://www.ncwss.org/info/Operating-Guide-2010.pdf>. Nominators should start in August to procure letters of support for the nomination. The deadline for receipt of the nomination packages (including letters of support) is September 30. Electronic nominations (pdf files) should be sent to: Dain Bruns, dain.bruns@syngenta.com, 614-361-6234.

Message from the Program Chair - J.D. Green

This is the Call for Papers and Posters for the 2012 Annual Meeting of the North Central Weed Science Society. This is the only notice you will receive so mark your calendar and submit the titles of your presentations by Monday, September 9th. Submissions received after September 9th may be placed in alternate sections, switched to the poster session or rejected depending on the availability of space in the sections. The web-based title and abstract submission process that has been used by NCWSS the past few years will be used again in 2013. The Title/Abstract Submission website will be available around July 20, 2013 through the NCWSS website (www.ncwss.org) or by going directly to the submission website hosted through WSSA (wssaabstracts.com).

The NCWSS annual meeting program begins December 9th, 2013 and concludes Thursday afternoon, December 12th, 2013. The general session will feature the Presidential Address by Dave Johnson plus a keynote speaker with information of interest to all NCWSS members. Potential half-day symposia being developed include "Using Social Networking and Other Media for Weed Science" and an "Invasive Plants" symposia in conjunction with the Midwest Invasive Plant Network, plus the popular "What's New in Industry" section. The volunteer paper and poster sections are listed below and directions are included for submission of papers and posters into these sections.

The NCWSS Executive Board again approved the recording and posting of presentations and posters for future viewing by NCWSS members via the NCWSS website. *This recording and posting will be **strictly voluntary** on the part of the paper and poster authors, and authors must "opt-in" to have their presentations and posters recorded.* See the following article for more details on this new feature.

The 2013 program will feature the traditional graduate student paper and poster contests and an undergraduate poster contest. Guidelines for these contests are found later in this article and at our website under About NCWSS – NCWSS Manual of Operating

Procedures. We again look forward to top-quality presentations by the students.

As in previous years, authors should upload their presentation to the Submission website about 7 days before the meeting. Using the Submission website helps to prevent clogging up e-mail accounts with large file attachments and allows the section chairs to bring the preloaded presentations to the meeting. If this is not possible, make sure you contact your section chair to make other arrangements.

Please consider giving one or more presentations at our annual meeting. We are interested in what you are working on. In addition to research, thought provoking or critical assessments of our discipline are also welcome. Also, please pass along any suggestions on ways to make the meeting even more valuable to you and others. I look forward to an interesting and exciting conference in December.

J. D. Green, Program Chair
jdgreen@uky.edu or 859-257-4898

Recording and Posting of Papers and Posters to the NCWSS Website – J. D. Green, Program Chair, and Brian Jenks, Strategic Planning Committee Chair

As indicated by Dave Johnson in his President's message the NCWSS Strategic Planning Committee has worked hard to develop a procedure to allow the recording and posting of papers and posters to the NCWSS website. The voluntary recording of individual papers and posters was initiated in 2012 and will be an option again for the 2013 annual meeting. This will allow those who couldn't make it to the meeting to see papers and posters of interest, and also allow the chance to see a paper in cases of conflict where two papers of interest were presented at the same time.

The recording and posting of paper and poster presentations is strictly voluntary, and members must "opt-in" to have them recorded

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Recording and Posting - Continued

and posted to the NCWSS website. No one will be required to have their presentations recorded or posted. Presentations will be available to NCWSS members only (password protected) through the NCWSS website for a period of one year following the annual meeting, and are intended for personal learning by NCWSS members only. Posters will be submitted as PDF files for posting, and papers will have the Powerpoint and, optionally, voice recorded, plus a PDF version of the Powerpoint posted. There will be no videotaping of the presenter, just the slides. They can indicate their preference when submitting their title, and have the opportunity to change their minds at any time, including during their session, immediately after the presentation is made, or at any time during the one-year period of posting.

When the author enters the on-line submission website, he or she can choose the following options:

Posters: each poster presenter will choose whether or not to upload a PDF file of their poster (default is no). Uploading to the website will occur just prior to or after the meeting date.

Papers: Each paper presenter will choose one of the following:

- 1) Presentation will NOT be recorded or posted (default)
- 2) PPT and voice recorded (plus PDF of PPT can be posted also)
- 3) PDF version of PPT only (no voice)

Section chairs will be instructed as to which presentations are to be recorded, and only those to which the presenter consents will be recorded. Paper presenters who chose options 2 or 3 above may change their mind and choose not to be recorded at any time, including at the time of presentation by letting the section moderator know not to record it. Also, a presenter can choose not to have his or her recorded presentation posted to the website after the presentation or have it removed from the website at any time during the one year

period of website posting. Posters that are posted to the website may also be removed by author instruction at any time.

Poster presenters choosing to allow their poster to be posted and paper presenters who choose options 2 or 3 above will be required to check a box indicating that he or she accepts the following conditions:

“It is the intent of the NCWSS that recorded presentations are provided solely for personal viewing by NCWSS members. If anyone wants to use the information for other purposes, they must request permission from the author. Presenters are responsible to make co-authors aware that the presentation will be recorded or posted on the NCWSS website. The presentations will be available for viewing for one year. Authors may request that their presentation be removed from the website at any time. The NCWSS agrees to not change any data or edit the presentation in any way that would change the interpretation of the data or presentation. The NCWSS agrees to not sell or market the presentation for monetary purposes or distribute it in any form.”

If they do not agree to these terms the presentation or poster will not be recorded and posted to the website.

Any questions regarding this process can be sent to Brian Jenks (brian.jenks@ndsu.edu, 701-857-7677)

Process for On-Line Submission of Papers and Posters

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 approximately July 20, 2013. Go to the home page of the NCWSS website (www.ncwss.org) and connect to the site through the link found there or go directly to

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Process of On-Line Submission - Continued

the submission website hosted through WSSA (wssaabstracts.com). You will need your login and password for your account or create your own new account if you have not done so previously.

SUBMIT TITLE (deadline September 9th): Simply follow the site's instructions for submission. Select your preference for paper section (Horticulture and Ornamentals, Invasive Weeds, 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 and posters will be competing in the student contests, so please be sure to indicate this for your title submission. Also, should you choose to allow your paper or poster to be recorded for posting to the NCWSS website for future viewing by NCWSS members, please indicate your preference and follow the instructions. Please be sure to get approval from your co-authors. Note: to have your paper or presentation recorded, you must "opt-in" by indicating your choice. The default is that the presentation NOT be recorded. You can change your mind later by contacting me (jdgreen@uky.edu, 859-257-4898). See further details in the separate article in this newsletter. For the September 9th 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 (deadline November 22nd): Sign in to your account as you did previously for the title submission. Click on the link to submit an abstract. Scroll down to the abstract 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. We recommend that you make 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 your section chair and me (jdgreen@uky.edu) to alert us about the change.

ACTION SUMMARY: Titles will be due on September 9th. 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 November 22nd. At this time, we request you to enter the author information as indicated, cut and paste abstract, select keywords, and submit.

Preparing to Submit Titles

Please follow these instructions when preparing your title(s):

1. Decide whether the presentation is a poster, paper or invited symposia paper.
2. Select your first and alternate choices for the section in which you want to make your presentation. Any questions pertaining to the appropriateness of your presentation in these sections can be answered by contacting the Program Chair or the respective Section Chair.
3. Connect to the NCWSS website (www.ncwss.org) and use the link to connect to the Title/Abstract Submission website or go directly to the submission website (wssaabstracts.com). Follow the directions previously listed in this article.
4. Important Note: Type the title, authors, affiliation (institution, agency or company) and location exactly the way they are to be printed in the program. Capitalize major words in the title. Include the full first name and middle initial of the authors rather than just initials. Place a checkmark in the box next to the author's name to designate who will present the paper or poster. Do not include departments or division, zip codes or the name of the state if it is a part of the institution's name. Use the common names of weeds, herbicides and crops. Please follow the capitalization, punctuation and formatting as shown in

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Process of On-Line Submission - Continued

these examples, especially the listing of affiliations.

Single institution or company

Weed Control Feasibility in Large-scale Organic Snap Bean and Sweet Corn Production. Jed B. Colquhoun*, Heidi J. Kraiss, and Richard A. Rittmeyer, University of Wisconsin, Madison.

Multiple institutions or companies

Potential of Saflufenacil for Preharvest Desiccation of Sunflower. Kirk A. Howatt*, Brian M. Jenks, Phillip W. Stahlman, and Michael J. Moechnig, North Dakota State University, Fargo and Minot; Kansas State University, Hays; South Dakota State University, Brookings.

Paper and Poster Section Chairs

Agronomic Crops I (Corn, Sorghum, Cereals)

Ryan Lins, 507-251-5524,
ryan.lins@syngenta.com

Agronomic Crops II (Soybeans, Dry Beans/ Sugar Beets)

Mark Waddington, 618-334-6789,
mark.waddington@bayer.com

Agronomic Crops III (Forages, Pastures and Rangeland)

Scott Flynn, 816-623-5286, flynn@dow.com

Equipment and Application Methods

Lillian Magidow, 651-600-1028m,
lcmagidow@landolakes.com

Extension

Vince Davis, 608-262-1392, vmdavis@wisc.edu

Herbicide Physiology

Ryan Lee, ryanlee@dow.com

Invasive Weeds

Mark Renz, 608-263-7437, mrenz@wisc.edu

Forestry, Industrial, Non-Cropland, Aquatics,

Joe Omielan, 859-218-0744,
joe.omielan@uky.edu

Horticulture, Ornamentals, and Turf

Collin Auwarter, 701-231-8471,
collin.auwarter@ndsu.edu

Weed Biology, Ecology and Management

Kris Mahoney, 608-342-1363,
mahoneykr@uwplatt.edu

Poster Session

Dave Ruen, 507-467-2375, dcruen@dow.com

Program Chair

J.D. Green, 859-257-4898, jdgreen@uky.edu

Paper Presentations and Presentation Format

All papers will be presented with PowerPoint files through an LCD projector. Electronic presentations will be limited to Power Point programs and need to be uploaded to the Submission website approximately 7 days prior to the meeting. Presentations are approximately 12 minutes long followed by one to two minutes for questions or comments to fit a 15 minute schedule. Contact the Program Chair if more time is needed. Abstracts of the paper and poster presentations will be published on the NCWSS website (www.ncwss.org). Abstracts should be submitted electronically via the Title/Abstract Submission website prior to the meeting (by November 22). A Call for Abstracts and Instructions for Submitting the Abstracts will be sent to the corresponding authors by the Proceedings Editor after titles are submitted.

Poster Presentations

Posters will be set up on Monday and available for viewing on Tuesday and Wednesday, and through Thursday for those with the Midwest Invasive Plants Network (MIPN) program. Except for posters associated with the MIPN on Thursday, all posters should be removed by 5:00 p.m. on Wednesday. One poster mounting board, approximately 48 by 48 inches, supported on an easel will be provided by the NCWSS. Posters will be arranged according to subject, so please indicate your section preference in the Title/Abstract

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Process of On-Line Submission - Continued

Submission system linked to the NCWSS website. Additional details will be mailed to each poster session participant following title submission.

(Christopher.d.Kamienski@monsanto.com) for information on how to become a Sustaining Member of the NCWSS. Sustaining member displays can be set up Monday afternoon and should be removed by 4:00 p.m. Wednesday.

Call for Sustaining Member and Sustaining Member Displays

Contact the chair of the Industry Committee, Chris Kamienski

Call for Distinguished Achievement Award Nominations Bryan Young, Past President

The NCWSS has exceptional, dedicated and successful members and students who make significant contributions to our Society and discipline. Please take a few minutes to recognize the contributions of outstanding members by nominating them for a Distinguished Achievement Award. If you are unsure if a person has received an award already or not, just check the NCWSS website (www.ncwss.org) for a listing of past recipients under the tab "About NCWSS". Nominations are a simple process and the NCWSS can present up to five awards each year from the following categories:

**Research
Young Scientist**

**Industry
Service**

**Education
Professional Staff**

Nomination guidelines for all categories are similar and can be found on pages 23-24 of the NCWSS Manual of Operating Procedures located on our website: www.ncwss.org/about.php. Nominators need to initiate the process early to procure letters of support prior to the application deadline. Submissions of nomination materials are due **September 30, 2013**.

Please don't forget to nominate exceptional students who may qualify for the NCWSS Outstanding Graduate Student Distinguished Achievement Award. The eligibility and nomination information pertinent to this award are found on pages 25-26 of the Manual of Operating Procedures. The awards committee will review the applicants to identify the graduate student who has been the most actively involved in the society and provided the greatest contribution to the field of weed science through extension, research or teaching.

Remember, the deadline for submissions is **September 30, 2013**.

Email an electronic version (pdf preferred) of complete nomination packages for all awards to: bgyoung@siu.edu. Feel free to call me at 618-453-7679 with any questions.

Past Distinguished Achievement Awardees from left to right: Dr. Anita Dille (Education Award), Dr. Walter H. Fick (Education Award), Terry Wright (Industry Award), Gregory K. Dahl (Industry Award), Dr. Nader Soltani (Professional Staff), Dr. William (Bill) G. Johnson (Fellow Award), Dr. Harlene Hatterman-Valenti (Fellow Award) and Dr. Gordon K Roskamp (Fellow Award).



**NCWSS Weed Contest
July 25, 2013
Monsanto Learning Center
Manmouth IL**

The 2013 NCWSS weed contest will be hosted by Monsanto at their research farm in Monmouth, IL on July 25, 2013. The contest will be more exciting this year due to the fact that Northeastern Weed Science Society (NEWSS) is also invited to participate in the contest. We will have winners

from the individual societies and then the overall winner in both graduate and undergraduate categories. Registration for contest is due by **July, 1, 2013**. The documents regarding contest rules, weed ID list, and herbicide list are posted on North Central Weed Science Society (ncwss.org) and Northeastern Weed Science society (newss.org) websites. If anyone has questions regarding the contest, please contact Troy Coziahr (troy.g.coziahr@monsanto.com) or Mayank Malik (mayank.s.malik@monsanto.com)

We still need **volunteers** for coordinating various events at the contest. The volunteer form is also posted at the NCWSS and NEWSS websites. Completed application forms must be returned to Troy Coziahr or Mayank Malik by **July, 8, 2013**.

DIRECTIONS TO MONSANTO RESEARCH FARM, MONMOUTH, IL

The directions to the research farm are also posted on the NCWSS and NEWSS websites.

FROM EAST—GALESBURG: Take US 34 West to Monmouth—At first stoplight (11th Street) turn left (south). Follow 11th Street 3.2 miles through town crossing the Cameron blacktop (1800 N), 11th Street turns into 80th street. The Farm is the first establishment on the left.

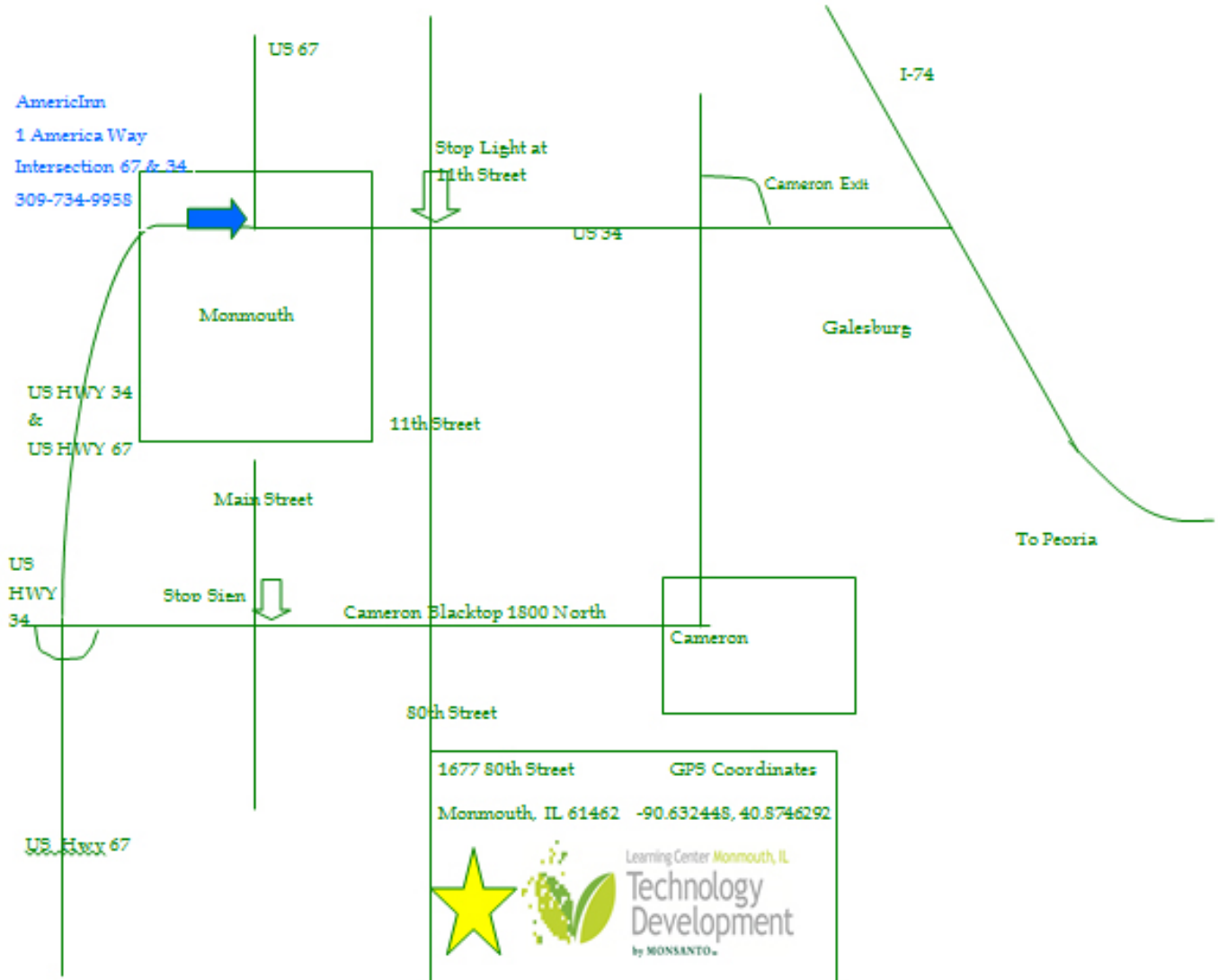
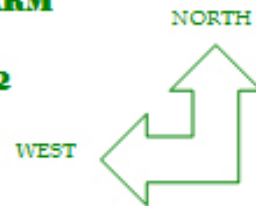
FROM SOUTH—MACOMB: Take US67 North to the 1st Monmouth exit—go east to stop sign. Continue straight on 1800 N for 1 mile to 80th Street. Turn right (South) on 80th Street. Farm is the first establishment on the left.

FROM NORTH—QUAD CITIES: Take US 67 South to Monmouth. Turn left (east) at the stoplight on to US 34. At second stoplight (11th Street) turn right. Follow 11th street 3.2 miles through town crossing the Cameron blacktop (1800 N), 11th Street turns into 80th street. The Farm is the first establishment on the left.

FROM WEST—BURLINGTON: Take US 34 East. When US 34 merges with 67 go straight on 1800 N until you reach 80th Street turn right. The Farm is the first establishment on the left.

FROM PEORIA: Take 74W to Galesburg and take 34W to the Monmouth exit and then follow the directions coming from Galesburg.

**MONSANTO RESEARCH FARM
1677 80TH STREET
MONMOUTH, IL 61462
309-734-3407**



DIRECTIONS

FROM EAST – GALESBURG: Take US 34 West to Monmouth – At first stoplight (11th Street) turn left (south). Follow 11th Street 3.2 miles through town crossing the Cameron blacktop (1800 N), 11th Street turns into 80th street. The Farm is the first establishment on the left.

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Washington Report

June 27, 2013 - Lee Van Wyachen



Farm Bill Passes Senate but is Defeated in the House

On June 10, the Senate passed their version of a five year farm bill by a 66 – 27 vote. The Senate rejected amendments on food stamp cuts, as well as amendments to cut sugar, tobacco and other farm supports. However, an amendment by Sens. Dick Durbin (IL) and Tom Coburn (OK) reduced the government's share of crop insurance premiums by 15 percent for farmers with adjusted gross incomes of more than \$750,000. A coalition of the crop insurance industry, agriculture groups and wildlife and conservation organizations, who agreed to support conservation compliance being tied to crop insurance requirements, hoped to defeat the Durbin-Coburn amendment. They argued that cutting insurance subsidies for large farmers would lead them to insure fewer acres, which could raise insurance costs for other farmers. There is no conservation compliance requirements in the House version.

Ten days after passage of the Senate Farm Bill, the House took its own version to the floor. Despite considering over 100 amendments, the House voted down a five year Farm Bill by a vote of 195 – 234. It was a real mess as 62 Republicans voted against it while only 24 Democrats voted for it. Two particular amendments caused a number

of farm bill supporters to switch their votes at the last minute, one on the dairy program and one on the Supplemental Nutrition Assistance Program (SNAP). The dairy amendment offered by Reps. Goodlatte (VA) and Scott (GA) removed a vital supply management provision from the new dairy margin insurance program included in the both the House and Senate bills. The SNAP amendment offered by Rep. Southerland (FL), would have required SNAP recipients to have a job or obtain job training to qualify for benefits and passed 227-198.

The path forward is unclear and there are all kinds of scenarios being thrown around.

The House could vote on the version approved by the House Agriculture Committee in May or strip out some of the controversial SNAP amendments. The House could also take up the Senate passed bill or simply start negotiating with the Senate in conference to craft a final law. There is even talk of splitting up the Farm Bill into two separate bills- one for nutrition programs which account for 80 percent of the bill's spending and another for farm and conservation programs, including the research title. However, the most likely outcome at this time will be an extension of the current farm law, despite steadfast opposition from Senate leaders.

Jewell Confirmed as Interior Secretary

The Senate voted 87-11 to confirm Sally Jewell as the next Secretary of the Interior, replacing outgoing Secretary Ken Salazar. The Interior Department oversees 500 million acres of federal land, as well as tribal land and the outer continental shelf, including recreational activities, oil and gas development, and water reclamation efforts. Jewell, who lives in Seattle, is the head of outdoor gear giant REI, Inc. Before taking the REI job, she spent two decades working in the banking industry and began her career as an engineer for Mobil Oil Corp. While Jewell's confirmation hearing went relatively smoothly, Sen. Barrasso of Wyoming said Jewell demonstrated a lack of familiarity with many of the issues that come before Interior's agencies. Under his questioning, Jewell declined to commit to recusing herself from the development of regulations governing hydraulic fracturing to extract oil and gas on public lands, despite the fact that she served on the board of the National Parks Conservation Association for nearly 10 years. During that time, Barrasso said, the NPCA sued the Interior Department

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Washington Report - Continued

almost 60 times over a variety of issues, including oil and gas production and uranium mining. While some Republican senators, such as Barrasso, remained opposed to Jewell and voted against her confirmation, none of them spoke against her during the floor debate.

support its complaint. CBD filed its suit in January 2011 alleging that EPA registered 382 chemicals without consulting the U.S. Fish & Wildlife (FWS) and National Marine Fisheries Service (NMFS) if pesticide registrations impact the habitats of endangered, or

ongoing administrative action requiring consultation under the ESA. The court decisively rejected this concept, holding that the plaintiffs "must allege a separate ESA claim corresponding to an affirmative act with respect to each of the 382 pesticides."



Interior Secretary Sally Jewell, along with John "Chip" Akridge, National Park Service Director Jon Jarvis and David Rubenstein touch the top of the Washington Monument. The Washington Monument is currently covered in scaffolding for repairs from an August 2011 earthquake. Photo: Tami A. Heilemann

Environmentalists "Mega" Lawsuit Against EPA Dismissed

The Center for Biological Diversity's (CBD) "mega" suit against the EPA on grounds they regularly failed to consult regulators responsible for protecting endangered species was dismissed by a U.S. Federal Court judge on the grounds that the environmentalists failed to cite violations specific enough to

listed, species. The suit alleged 214 species were affected by the registration of the chemicals.

Rather than identifying any specific registration action by EPA concerning which there was a failure to consult, the plaintiffs based their complaint on the theory that EPA "retains discretionary control and involvement" over each of the identified pesticides and that such control constitutes

National Academies Report Released on Endangered Species Risk Assessment

Over the last decade, questions have been raised regarding the best approaches or methods for determining the risks pesticides pose to listed species and their habitats. The U.S. EPA, Fish and Wildlife Service (FWS), and National Marine Fisheries Service (NMFS) have developed their own approaches because their legal mandates, responsibilities, institutional cultures, and expertise differ. Although the agencies have tried to resolve their differences in assessment approaches, they have been

unsuccessful at reaching a consensus. As a result, the National Research Council was asked to examine the scientific and technical issues related to determining risks posed by pesticides to listed species.

The committee that wrote the report said that a common approach among the agencies is needed. The risk assessment paradigm that traces its origins

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to the Research Council reports Risk Assessment in the Federal Government: Managing the Process and more recently to Science and Decisions: Advancing Risk Assessment has become scientifically credible, transparent, and consistent; is reliably anticipated by all parties involved in decisions regarding pesticide use; and clearly articulates where scientific judgment is required and the bounds within which such judgments can be made. Such a process is used broadly for human-health and ecological risk assessments throughout the federal government.

If FWS and NMFS could build on EPA's analysis of whether a pesticide is likely to adversely affect a listed species rather than conduct a completely new analysis, the assessment would likely be more effective and scientifically credible, the committee determined. Furthermore, agreement among the agencies has been impeded by a lack of communication and coordination throughout the process. Therefore, the committee emphasized the need for coordination, which it views as necessary to ensure a complete and representative assessment of risk and that each agency's technical needs are met.

The committee examined several components of the risk assessment process where better coordination and agreement would facilitate an integrated approach to

examining risks to listed species and their habitats. These included evaluating methods for identifying the best scientific data available, assessing approaches for developing modeling assumptions, identifying geospatial information that might be used in the risk assessment, reviewing approaches for characterizing effects, analyzing the scientific information available for estimating effects of mixtures and inert ingredients, and examining the use of uncertainty factors to account for gaps in data.

Report: http://www.nap.edu/openbook.php?record_id=18344

NASS Pesticide Use Data for Soybeans and Wheat Released

In May, USDA's National Agricultural Statistics Service (NASS) published the Agricultural Chemical Use Survey data for soybeans and wheat. During the fall of 2012, NASS conducted the survey among soybean producers in 19 states and wheat producers in 15 states. The information released includes on-farm fertilizer use, pesticide use, and pest management practices. Please see: http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Chemical_Use/index.asp

Farmers applied herbicides to 98 percent of soybean planted acres, more widely than

insecticides (18 percent) and fungicides (11 percent). The top monitoring practice for managing pests was scouting for weeds, used on 94 percent of planted acres. Glyphosate was applied to nearly 90% of the soybean acreage last year.

For wheat, herbicides were applied to 99% of the durum wheat, 97% of the spring wheat, and 61% of the winter wheat. The most widely used herbicide on durum wheat was bromoxynil on 46% of acres while fluroxypyr was used on 45% of the spring wheat acreage and thifensulfuron was applied to 14% of the winter wheat acreage.

NASS plans to conduct pesticide use surveys on wheat and soybeans again in 2016 and 2017, respectively. Other planned reviews over the next few years include peanuts and rice (2013), cotton and oats (2014), maize and potatoes (2015) and fruit and sorghum (2016).

Lee Van Wychen, Ph.D.
Science Policy Director
National and Regional Weed
Science Societies
5720 Glenmullen Place
Alexandria, VA 22303

Identifying the factors promoting resistant and invasive giant ragweed: Building a foundation for regional integrated weed management.

Emilie Regnier, Associate Professor. Department of Horticulture and Crop Science, Ohio State University, Columbus OH 43210 Tel: (614)-292-8497

Dear Certified Crop Advisor,

I am conducting research in an effort to develop a clearer picture of the distribution and spread of giant ragweed across the Corn Belt, and the factors that promote its spread.

Your participation in a survey on giant ragweed will greatly enhance this research and I am respectfully requesting your participation.

Recognizing that your time is valuable, data gathering is being done via an online survey that can generally be taken in less than 15 minutes.

Even if giant ragweed is not present in your area, your indication of this in the survey will be valuable information.

Take Survey

If you are unable to link directly to the survey, copy and past the following link into your browser: <http://www.surveymoz.com/s3/1014770/Crop-Advisory-Survey>

A number of participants have already requested a copy of the survey results. If you would also like a copy, send an email to Barb Wohlever (wohlever.10@osu.edu) requesting the results.

Confidentiality of your responses is guided by the Ohio State University Office of Responsible Research Practices. Although every effort to protect confidentiality will be made, no guarantee of internet security can be given as, although unlikely, transmissions can be intercepted and IP addresses can be identified.

This survey has been reviewed and determined exempt from IRB approval by The Ohio State University Office of Responsible Research Practices. For questions about your rights as a participant in this study or to discuss other study-related concerns or complaints with someone who is not part of the research team, you may contact Ms. Sandra Meadows in the Office of Responsible Research Practices at 1-800-678-6251.

For questions about the survey, please contact Dr. Emilie Regnier via email or phone (614-292-8497).

Thank you very much for your support of this research.
Sincerely,

Weed Science Research Specialist University of Missouri - Columbia

RESPONSIBILITIES: The primary responsibility of this position will be to assist with the management of a weed science field research program conducted under the direction of Dr. Kevin Bradley in the Division of Plant Sciences at the University of Missouri. This will require the candidate to be responsible for the entry of research protocols, collection and entry of data associated with approximately 80 to 100 research trials each year, and generation of summaries and annual research reports for industry cooperators, academic colleagues, and professional societies. Additionally, the candidate will be expected to conduct standard agricultural field maintenance practices such as land preparation, planting, spraying, and harvesting of corn, soybean, wheat, grain sorghum, and forages in areas that will be utilized for small-plot research. The candidate will also be expected to work independently and cooperatively with other staff, graduate students, and faculty in the weed science program and Division of Plant Sciences.

QUALIFICATIONS: B.S. in biological or agricultural sciences, M. S. preferred but not required. Experience in applied weed science and/or crop production field and greenhouse research is preferred. Pesticide applicator and commercial driver's license also preferred, but not required. Consideration will be given to candidates with an equivalent combination of related education or work experience.

SALARY AND BENEFITS: Salary will be commensurate with qualifications and experience. Full MU Healthcare benefits are available with this position.

CLOSING DATE: Open until filled and available immediately.

CONTACT: Questions pertaining to the job may be directed to: Dr. Kevin Bradley, Associate Professor, Division of Plant Sciences, University of Missouri, 201 Waters Hall, Columbia, MO 65211; 573-882-4039; bradleyke@missouri.edu.

Please submit a resume, letter of application explaining fit with qualifications sought, academic transcripts, and names, addresses and phone numbers of at least 3 references. Applications should be submitted at the following website:

GO TO SITE



Field Development Representative United Phosphorus, Inc

RESPONSIBILITIES: Position responsible for implementing product development projects within the region of Idaho, Washington, Oregon and western Canada. Responsibilities include the monitoring and evaluation of plant protection technologies and development of new label use instructions for existing products. Responsible for the compilation, interpretation and presentation of project data in written and oral formats. Assist sales group in complaint handling upon request.

This position provides oversight and coordination of the field trial program in the regions where pest management research is being conducted and is based upon technical skills and knowledge and understanding of pest management issues and technology, customer needs and local, state and federal regulations in order to provide technical support to Sales and Marketing and to identify and evaluate new business and/or product opportunities.

This position provides technical leadership within the area of expertise to Sales, Marketing and Regulatory Affairs. This position also provides direct technical support within the specific pest management areas to Sales and Marketing by developing and presenting technical information, use instruction label revisions and/or additions, supplemental, 24C or section 18 emergency use instructions on United Phosphorus' products to customers and professional groups that influence the pest management choices which customers and growers make.

This position assists in the development of the pest management R&D field program and budget and provides direction and insight to optimize the impact of the R&D program in the designated territory. This position is also responsible for proposing new development projects and translating United Phosphorus strategies, products and business objectives into technical projects.

Support of sales personnel within the region by conducting meetings, tours and demonstrations as requested.

QUALIFICATIONS: Advanced degree in Plant Sciences (Entomology, Plant Pathology, Agronomy or Weed Science. Minimum 5 years experience working with AgChem products in high value crops.

This position requires an ability to understand, influence and relate to customers, regulatory agencies, university and contract researchers and coworkers from a variety of different disciplines. This position requires effective communication and interpersonal skills and an ability to operate effectively within a team. This position requires the effective presentation skills and the ability to analyze interpret and act upon complex data and analyze and solve complex problems. This position requires demonstrated project leadership skills and in-depth and/or broad scientific knowledge. This position recognizes invention and follows through to patent with technical assistance. This position knows and utilizes business and scientific resources throughout UPI, Inc.

CONTACT: Submit resume to:
United Phosphorus, Inc.
630 Freedom Business Center
Suite 402
King of Prussia, PA 19406
tiffany.may@uniphos.com

Assistant Professor Department of Soil and Crop Sciences Texas A&M

DESCRIPTION: The Department of Soil and Crop Sciences (soilcrop.tamu.edu) at Texas A&M University (www.tamu.edu) invites application for a 10-month, tenure-track position as Assistant Professor of Weed Science. The position is split 50% teaching and 50% research, and will provide leadership in research and teaching in weed science with major emphasis on 1) biology, ecology, management, distribution and mechanisms of herbicide-resistant weeds, 2) chemical and spatial crop-weed interactions, 3) plant-herbicide interactions, 4) cultural and chemical control programs for specific crops and cropping systems, and 5) weed population shifts with emphasis on invasive species.

DUTIES: A major responsibility of this position is to develop an extramurally-funded, internationally-recognized research program in weed science in diverse cropping systems particularly as they relate to herbicide-resistance technology and herbicide-resistant weeds. Teaching responsibilities will include a graduate level Weed Biology and Ecology course and/ or Mode of Action and Environmental Fate of Herbicides along with direction of the undergraduate course in Weed Ecology and Management. Direction and mentoring of graduate students and postdoctoral scientists is an important component of this position. The incumbent will be expected to develop strong cooperative relationships with others within the department, Texas A&M Agrilife Research, the College of Agriculture and Life Sciences, and other state and national agencies and universities.

QUALIFICATIONS: Required Education: Ph.D. in Plant Sciences, Weed Science or closely related field by time of appointment.

Preferred Experience: Experience working in effective interdisciplinary research teams and a demonstrated ability for quality teaching and graduate student mentoring are preferred. Desired qualifications include a background in plant ecosystems and/or cropping systems with experience in weed biology, chemistry, ecology, physiology, or ecophysiology.

Required Special Knowledge, Abilities, and Skills: Excellent oral, written, and electronic communication skills. Ability to effectively use personal computer to communicate, prepare proposals to include cost information on spread sheet as applicable, and provide reports of activities. Ability to effectively communicate with faculty students and staff. Ability to multi task and work cooperatively with others.

Other Requirements or Other Factors: The position will be available September 1, 2013 or upon completion of the selection process. The deadline for application is July 8, 2013 or until a suitable candidate is identified. Please provide names, physical addresses, email addresses, and phone numbers of three references.

DOCUMENTS ASSOCIATED WITH THIS POSTING: Cover Letter- required; Other Documents: Transcript - required; C.V. - required; List of References- required; Employment is contingent upon the agency's verification of credentials and/or other information required by agency procedures, including the completion of a criminal history check.

COMMENTS TO APPLICANTS: Finalists may be required to furnish a copy of official transcript documenting degree conferred. Texas law requires all males 18-25 show proof of compliance with federal Selective Service law to be eligible for employment.

Security-Sensitive Designation

All positions are security-sensitive. Applicants are subject to a criminal history investigation, and employment is contingent upon the agency's verification of credentials and/or other information required by agency procedures, including the completion of the criminal history check.

GO TO SITE

EEO Statement Equal Opportunity Employer.