

# NCWSS • News

North Central Weed Science Society

Vol 22, Number 3, Fall 2005

[www.ncwss.org](http://www.ncwss.org)

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## “Kansas City Here I Come!” 60th Annual NCWSS Meeting- John Wollam & Mike Edenfield



SOURCE: “Kansas City Convention & Visitors Association”

Kansas City and your local arrangements committee are looking forward to hosting the 2005 NCWSS annual meeting at the Hyatt Regency Crown Center. The facility has been newly renovated with a centralized meeting area that features an open atrium which goes from the lobby to a skylight roof overhead. Crown Center is the ultimate central location in Kansas City, with plenty of restaurants, attractions and entertainment close at hand. The Hyatt is connected by enclosed walkways to Crown Center and Union Station, and is just minutes from downtown and The Country Club Plaza. The Summer issue of the Newsletter is a good reference for an extensive listing of dining, shopping and entertainment options. That issue also included information about the Spouse Program that will feature a tour and luncheon at the Nelson-Atkins Museum of Art, and a Kansas City sight seeing tour with the opportunity to finish Holiday shopping at the Country Club Plaza. Please plan to be with us at the Hyatt Regency Crown Center, 2345 McGee Street, in Kansas City, MO for the 60th Annual NCWSS Meeting December 12 to 15. To guarantee your room at the Hyatt, please phone 816-421-1234, mail your reservation or go on line at <http://crowncenter.hyatt.com/groupbooking/weed> before November 18. If rooms are available after the cutoff date, you will still be able to book one at our meeting rate, but why take the chance; reserve your room early.

If you have questions, comments or suggestions concerning the meeting, contact the Local Arrangements Committee Chairmen, John Wollam or Mike Edenfield, or the appropriate subcommittee chair. Anyone wishing to arrange additional NCWSS committee meetings should contact John Wollam ([john.wollam@bayercropscience.com](mailto:john.wollam@bayercropscience.com), phone - 816-506-2605): or if you



North Central  
Weed Science Society

**Anyone who submitted a paper  
or poster title and did not receive  
an email confirming their title  
submission must contact**

**Steve Miller  
307 766-3112  
[SDMiller@uwyo.edu](mailto:SDMiller@uwyo.edu)**

would like to plan other meetings in conjunction with the NCWSS Meeting please contact Gary Rodgers, who is handling our meeting for the Hyatt Regency (grodgers@mkckpo.hyatt.com, phone – 816-435-4122). We look forward to seeing you in December.

## Traveling to Kansas City

Kansas City is serviced by Kansas City International Airport (code MCI). Transportation from the airport to the Hyatt is available through **KCI Shuttle**. They have ticket counters across from the baggage claim areas and are located near the following gates: **Terminal A – Gates 1, 15, 30; Terminal B – Gates 50, 60; and Terminal C – 61, 72, 80**. If no one is at the ticket counter use any white airport courtesy and dial “5000”. KCI Shuttle service is available to the Hyatt every 30 minutes from 4:30 am to 6:30 pm. After 6:30 pm reservations are required and can be made by calling 816-243-5000 or 800-243-6383, or e-mail at: info@kctg.com. The cost is \$15 one-way, and \$25 round-trip.

If you are driving to the meeting:

### DIRECTIONS TO HYATT REGENCY CROWN CENTER

**I-29 South Bound or KCI Airport:** Take I-29 South to the 169 South, Kansas City exit. Follow 169 South over the river, continue straight on Broadway. Left on 20th Street. Right on McGee to hotel entrance.

**I-70 East Bound:** Take I-35 South exit to 20th Street exit. Turn left on 20th Street. Right on McGee Street to hotel entrance.

**I-70 West Bound:** Take I-35 South exit to 20th Street exit. Left on 20th Street. Right on McGee Street to hotel entrance.

**I-35 South Bound:** Take I-35 South to 20th Street exit. Left on 20th Street. Right on McGee Street to hotel entrance.

**I-35 North Bound:** Take I-35 North to Broadway exit. Turn right on Broadway. Left on 20th Street. Right on McGee Street to hotel entrance.

**71 North Bound:** Exit on 22nd Street. Turn left on 22nd until you come to Oak St. Turn right on Oak St. Take a quick left onto Gillham Road and continue to McGee. Hyatt is on the left.

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## 2005 NCWSS Local Arrangements Contacts

### LAC Chairmen

John Wollam: john.wollam@bayercropscience.com, 816-506-2605

Mike Edenfield: mike.edenfield@bayercropscience.com, 913-634-7361

### AV/Room Setup

Jim Wolk; jim.wolk@bayercropscience.com, 402-616-6110

### Banquet/General Session

Amy Wyman: amy.wyman@bayercropscience.com, 913-669-6903

### Spouse Program

Debbie Wollam: jwollam@blitz-it.net, 816-810-1701, or John Wollam: john.wollam@bayercropscience.com, 816-506-2605

### Meals/Breaks

John Hinz: john.hinz@bayercropscience.com, 515-733-9250

### Posters/Sustaining Member Booths

Mike Edenfield: mike.edenfield@bayercropscience.com, 913-634-7361

### PR/Press

Bill Rose: bill.rose@bayercropscience.com, 913-433-5142

### Registration

Ron Tillman: ron.tillman@bayercropscience.com, 919-205-7066

### Signage

Pat Geier: pgeier@ksu.edu, 785-625-3425 ♦

## A Word from Your President - Tom Peters



Tom Peters - NCWSS  
President

There is a hint of fall weather in the air, which indicates that the North Central Weed Science society annual meeting is right around the corner. By now I am sure you have collected the field research data you need, you have taken that relaxing vacation by the lake and have returned to the "school year" routine. Now is the time to spend more time in the office and turn your attention to committee obligations, paper or poster presentations and other administrative detail. My newsletter contributions for this issue are updates/ highlights from the summer.

The NCWSS Executive Committee and the Long Range Planning Committee met with Dr. Peter Bloom in advance of the summer board meeting in Manhattan, KS. The purpose of the meeting was to continue our society work on a mission and vision statement and the creation of a strategic plan. This is hard work and it is probably evident that progress has come slowly. The LRP committee, the Executive committee and I will speak in greater detail on this topic in advance of the annual meeting via email updates and during the General Session.

Steve Miller will cover the program in his article for the newsletter but I cannot help but make a comment as I have observed the continued evolution of the society and our annual meeting. There was an era when membership recorded the dates of the conference and blindly attended. There was not a lot of concern to the program since one attended the conference as part of an annual routine. Well, times have changed and time and resources are extremely precious. Our program is evolving to reflect these changes. This year's symposia will bring in outside attendance to our conference. For example, the Invasive Weeds symposium that Kevin Gibson will be chairing was organized in conjunction with the Midwest Invasive Plant Network (MIPN). This section/meeting will be expanded to include MIPN, NCWSS and the Invasive Plant Association of Wisconsin (IPAW) at our 2006 meeting in Milwaukee.

Meeting registration will offer a new twist in 2005.

Registration and payment can be done electronically and in advance of the meeting using Pay Pal. Pay Pal is affiliated with Ebay and is widely recognized for its security, integrity and quality. Credit for this innovation goes to Glenn Nice, our Webmaster and chair of the Electronics Communication Committee. You will note that one on-line form requests address information and phone numbers. This is an important form since it is the only mechanism that we (Bob Schmidt and the NCWSS) have for getting information about our membership.

The folks at Kansas State University hosted the annual Collegiate Weed Science contest in July. Congratulations are in order to committee leadership including Anita Dille, Doug Shoup, Chris Schuster and the rest of their team for doing an outstanding job. Quality of the plots was outstanding. I must say that the unknown herbicide section was one of the best I have ever seen! We broke new ground in 2005 in that two schools from the Southern Weed Science Society, Univ. of Arkansas and Mississippi State Univ., took advantage of proximity and participated in the contest.

Dr. John Bonner (jbonner@cast-science.org) assumed leadership of CAST in July. John is an Iowa State graduate and has spent considerable time in industry jobs associated with the animal health and nutrition fields. I feel reasonably certain that John will attend our annual meeting.

Lee Van Wychen (Lee.VanWychen@WeedScience.Orgs.com) replaced Rob Hedberg as Weed Science Director of Science Policy in July. Lee is familiar with our society as he accomplished one of his degrees at the Univ. of Wisconsin (and may have even attended a NCWSS meeting). Lee definitely will attend our December meeting in Kansas City.

Finally, I want to encourage all NCWSS members to remain involved with the society and its activities. Please provide comments and suggestions to board members on how to continue to improve society operations and functions. NCWSS is your society and needs your input. I hope everyone had a great summer and I look forward to seeing you in Kansas City in December.



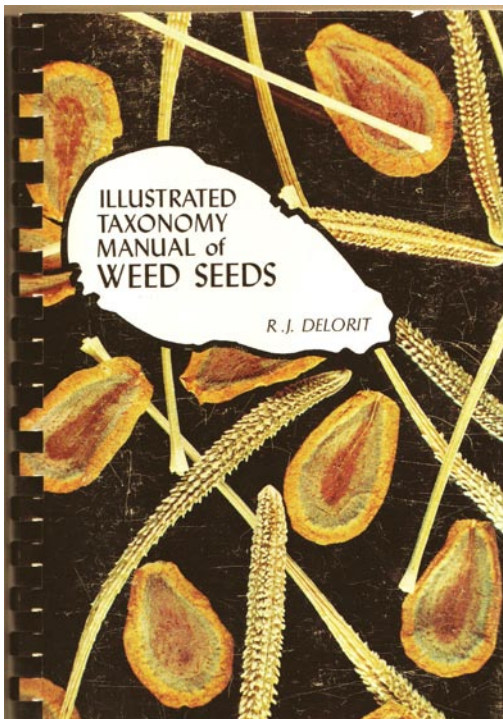
## 2005 Annual Meeting Program Will Emphasize the Changing Landscapes in Weed Science

The program for our 2005 North Central Weed Science Society meeting in Kansas City, Missouri is in the final preparation stages. Our annual meeting is the culmination of various committee activities, conversations and planning that occurs during the year. I am sure that you will enjoy the posters, the oral papers, the general session and the special symposia and workshops we have planned. In addition, the meeting allows you to make contact with old friends and also allows you the opportunity to make new friends. However, please try to attend committee meetings as well. Our Society works because people willingly participate on committees.

The meeting will be a combination of traditional papers dealing with weed science issues and trends and evolving areas such as invasive weeds and weed biology. The Society will sponsor a workshop complementary to our program on, "Gene Flow and Consequences of Gene Introgression from Crops to Their Wild Relatives." The purpose is to bring together academic, industrial, governmental and NGO scientists for comprehensive discussions on a variety of gene flow topics. The Invasive Species Symposium was developed in close collaboration with the Midwest Invasive Plant Network (MIPN) which is looking for a possible society to affiliate with.

Presentations in the General Session will include topics on what the membership survey told us, introduction to gene flow and gene introgression, an introduction to the Invasive Weed Symposium and an update by your President, Tom Peters. We will also be implementing a new session entitled, "What's New in Industry," and a reception-mixer Tuesday evening in the poster area.

All North Central Weed Science Society committees will convene during our conference so be sure and check the schedule to see when and where your group will meet. The committee meetings are open to all members so please review the program and attend the meetings that interest you. Each session of our conference will have a business meeting to elect a vice-chair and conduct any business pertinent to their area. The facilities in Kansas City are excellent and John Wollam and Mike Edenfield have kept in close contact with the hotel to insure things run smoothly. Please plan to attend the meeting as it should offer a topic of interest and value to everyone.



### *Illustrated Taxonomy Manual of Weed Seeds*

**This book contains 192 species in 40 plant families common (and not so common) throughout the Midwest.**

**The illustrations are excellent color photographs of seeds which have been magnified two to six fold.**

**To Purchase contact Bob Schmidt (217-352-4212). In addition you will be able to purchase copies from our website soon.**

# Celebrate with us in Kansas

## City: It's Our 60th Meeting! - Jerry Doll, Past President

While the WSSA celebrates 50 years of history, we will have our 60th meeting in 2005. We will celebrate in several ways. One will be a memorabilia display in the poster and exhibit room in the Hyatt Regency. I encourage you to bring your favorite "old whatever" to share with colleagues for the week. And if you would like to do the same for the WSSA meeting next February in New York City, all the better. If you are unable to attend the WSSA meeting but would trust me with your item(s), I'll do my best to safeguard and return them to you. Examples include pictures, bulletins, simple tools, books, course notes, industry hats and similar items, etc. etc.

Another part of our celebration will be a poster that reviews the key moments in the history of the NCWSS. The poster will also travel to the WSSA meeting where it will join similar posters that portray the history of all the regional societies and several posters that relate to the USA and Canadian weed science history.

Lastly, you can take the history quiz that follows. This is a parallel to the quizzes that Al Hamill has developed for the WSSA newsletters as part of his "Can you believe it?" articles in anticipation of the celebrations of the WSSA in February. I'll have the answers for you at the NCWSS History poster so stop by and find out how you did on the quiz. If you really can't wait for the answers, read Bob Anderson's book, "The North Central Weed Control Conference: Origin and Evolution" and you'll find most of the answers.

### NCWCC/NCWSS History Quiz

1. Who is considered the "Father of the NCWCC"?
2. What year was the NCWCC constitution adopted?
  - In what city was constitution adopted?
3. When was the rocking chair with the jimson weed fruit in it first presented to the incoming president?
  - Who conceived the idea and made the first presentation?
  - Who was the first recipient?
4. When did the NCWCC first meet in Canada?
  - where was this meeting?

- how often have we met in Canada?

5. When was the mission statement of the NCWCC/NCWSS last modified from the one crafted in 1944?
6. If 2,4-D was the "star herbicide" of the 1940s, what weed "caused" the NCWCC to come into existence?
7. What city has hosted the NCWCC/NCWSS annual meeting the most times?
8. What state has hosted the NCWCC/NCWSS annual meeting the most times?
9. Who is the first woman selected as a NCWSS fellow?
10. In what years did the NCWCC meet every other year?
  - how many contestants were there?
12. When was the first graduate student poster contest held?
  - how many contestants were there?
13. When did the name of our society change from the NCWCC to the NCWSS?
  - Who was the last president of the NCWCC and who was the first president of the NCWSS?
14. What year did we initiate the Summer Weed Science Contest?
  - where was the first contest held?
  - what university has been the overall winner of the contest the most times?
  - what was unique about the 2004 contest?
  - what was unique about the 2005 contest?
15. In what year and what city did the NCWCC host the first "national weed control conference of the Association of Regional Weed Control Conferences" that spawned the emergence of the Weed Society of America, today known as the WSSA?

If you submitted a title and DID NOT receive a confirmation email, please contact the Program Chair, Steve Miller (307-766-3112)

# A Note From the Electronic Communications Committee -

Glenn Nice

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## Online Payment:

New for this year is the ability to pay for your pre-registration through Pay Pal, an affiliate of Ebay and update your membership information on line. Some of you may have already used the early registration on line payment system. For those of you who have not used the system I invite you to do so.

When you hit the link to go to the payment system from the meeting information page you will be taken to a member registration page. This page is essentially the online equivalent to the early registration form you used to fill out. Please take a moment to fill this out this information for membership records. If you have already completed this form there is a bypass link available in the text at the top of the page.

Once this form is completed and you have pressed the "submit" button you will get a confirmation page showing the information you entered and a link to continue on to the purchase page.

On the purchase page, when you select "Member early registration" or "industry breakfast", you will be sent to a shopping cart. This page gives you the option of either paying for what is in our shopping cart or continuing to shop. Each item added to your cart will show you your updated cart.

Once you are ready to check out, view the items in your cart or proceed to check out. The shopping cart and the secured check out is handled by Pay Pal. Pay Pal uses a 128-bit encryption key to protect the information collected in the purchase process. The NCWSS does not see or store your credit card information.

If you have any questions or problems with the process please contact me at your convenience.

## Oral Paper Presenters:

This year, the multimedia room and the local arrangement's room shall be in the same room (to be announced in the program). As a paper presenter, the NCWSS needs your assistance to facilitate the delivery of your presentation to the communications

committee in a timely manner. In your last minute preparations, please keep the following points in mind:

1. All presentations must be in Microsoft Powerpoint (PC compatible). Macintosh/Apple formats will not be supported.
2. Please limit presentations to 25 MB or less. Video clips are discouraged. If you need to use a video clip please contact me.
3. All presentations must be stored on CD-R media (please no CD-RW). For a good tutorial on the differences of CD-R and CD-RW and some tips on burning CD's the ASA has constructed a useful web page at the following address - [http://www.asa-cssa-sssa.org/meetings/acs/present\\_tips\\_oral.html](http://www.asa-cssa-sssa.org/meetings/acs/present_tips_oral.html)
4. Label CD with the paper number for your presentation, listed in the NCWSS program. The program will be posted on the Annual Meeting page closer to the meeting date.
5. Only 1 presentation per CD please. Multiple presentations allowed ONLY IF all have same section chairperson.
6. Deposit presentation CD into the drop box at the NCWSS Registration area on either the evening of Monday December 12th (preferred) or Tuesday December 13th morning before 10:00 am. Later drop offs are discouraged but may be delivered to the NCWSS Local arrangements/multimedia room.

On behalf of the Electronic Communications Committee, we thank you in advance for adhering to these instructions. If you have any questions or concerns, please feel free to contact me. Have a safe trip to the meeting!!

The NCWSS Newsletter is edited by Bill Johnson, put together by Glenn Nice, and filled by the members of NCWSS





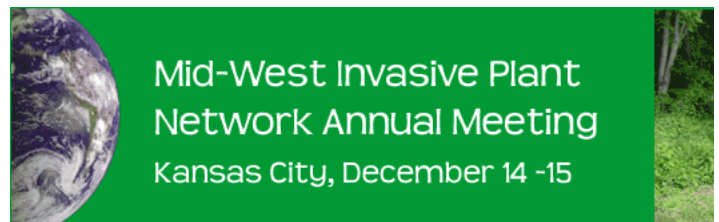
## **Did You Know? – How to get the most from the Interactive Encyclopedia of North American Weeds. Part II.**

The Interactive Encyclopedia of North American Weeds DVD-ROM was originally created to be an interactive teaching tool to introduce weed science students to the basics of plant taxonomy and plant morphology. The program was used in a campus computer lab and provided three separate lessons on Plant Taxonomy and Life Cycles, Vegetative Characteristics of plants, and Reproductive Characteristics of plants. These three lessons each take approximately one hour to complete and are now professionally narrated on the DVD. The lessons also have many interactive quizzes sprinkled throughout to keep learners engaged in the program. There is also an interactive final exam for the entire tutorial. However, you may not know there is traditional print quiz on the DVD-ROM. There is a subdirectory on the DVD-ROM called “Weedexam”. In this directory you will find a quiz in html format. Open the file “weedexam.htm” in any browser such as Internet Explorer or Firefox and it will appear in the browser. The file is a 25 question quiz you can print and hand out to your students as a homework assignment to use with the interactive lessons, or as a traditional quiz. There are even illustrations! You can also access the exam from the Identification Tutorial home page. On that home page you will see buttons that go to the three lessons. Just below those buttons is a small button with the label “Print Final Exam.” If you click on that button the printed quiz will automatically load in your browser.

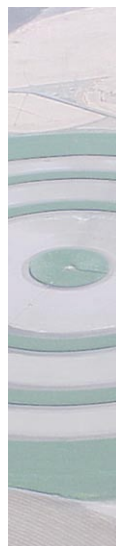
Don't forget about the new update to the weed identification keys now available for download at <http://www.thundersnow.com/weeid.htm>. The free update improves the functionality of the grass and broadleaf keys, and fixes several bugs including

the “copy” button. The copy button has now been enhanced to give you a complete search report to paste into any text program. Weed matches for a search will also now persist when you click to go to a weed home page and return to the key. This was a much-requested feature. This update makes the keys easier and faster to use, and also improves the reliability of the search results. You must copy the entire program to your hard drive to use the update. But you will find the entire program more convenient and quicker to use this way.

Look for more short tips on ways to get the most from the Interactive Encyclopedia of North American Weeds DVD-ROM in the future. If you have any tips or questions you would like to see answered in a short article, or have features you would like added to the next version, e-mail them to Mike DeFelice at [michael.defelice@thundersnow.com](mailto:michael.defelice@thundersnow.com). If you don't yet have a copy of the Interactive Encyclopedia of North American Weeds DVD-ROM it can be ordered from the NCWSS by going to their web site at <http://www.ncwss.org> or by calling Bob Schmidt at (217) 352-4212. Or order it with your NCWSS meeting registration. Be sure to mention you heard about the DVD from the NCWSS!



NCWSS and The Midwest Invasive Plant Network (MIPN) will cosponsor a program on invasive plants in the North Central region at the Annual Meeting. For more information see the NCWSS web page.



### **Scientific Meeting on Crop Gene Flow &**

**The Occurrence and Consequence of  
Gene Introgression between  
Crops and Their Sexually Compatible  
Relatives**

**December 13 2005 1:00 am - 5:30 pm  
December 14, 2005 8:00 am - 5:00 pm**

**The Hyatt Regency Crown Center,  
Kansas City  
See NCWSS Web Page**

# NCWSS Survey

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This brief survey is to help determine the influence of increasing energy costs on weed management practices and if there is a need for specific educational programs to address those changes. If you are interested in participating in the survey please print out a copy fill in your answers and mail it to Eric Spandl at:

P.O. Box 64089 MS#348

St. Paul, MN

55164

or email it to [epsandl@agriliance.com](mailto:epsandl@agriliance.com)

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1) Will increased energy costs:

a) affect growers or retailers weed management strategies?

b) shift tillage practices to more no-till?

c) shift other tillage practices? And, how will this influence weed management?

d) reduce the number of planned passes through the field for weed control? What are the implications? increase costs of production and retail costs for crop protection products? (This may more appropriate for some contacts at companies, but may still be worth asking.)

2) As growers or retailers try to reduce the number of passes, many functions (or products) may be applied concurrently such as herbicides, fungicides, micronutrients, adjuvants, etc. Are there any specific concerns or recommendations?

3) many growers may use less fertilizer, especially in corn, how will this influence weed management?.

4) growers may consider shifting crops and changing their planned rotation. Are there specific concerns or recommendations for this? ( I will check with our forage guy to see if annual alfalfa is still an option and if he thinks forage planting will increase.)

5) are there any other production practices that could interact with weed management that should be addressed?

6) Do you plan on any specific programs or extension activities this fall/winter/spring to address weed management in the context of increased energy prices?





**Lee Van Wychen, Washington Representative**

## **Washington Report October, 2005 - Lee Van Wychen**

### **Greetings!**

Hello fellow weed scientists and practitioners. I want to formally introduce myself as the new Director of Science Policy for the National and Regional Weed Science Societies. I began work on July 18, 2005. As the only official employee of the WSSA, in conjunction with financial support from the NEWSS, NCWSS, SWSS, WSWs, and APMS, I am at your service.

Rob Hedberg left a big pair of shoes for me to fill. I have spent my first month getting up to date on some of the major issues facing the National and Regional Weed Science Societies and meeting some of the “movers and shakers” here in DC that can help us advance the Weed Science Societies’ agenda.

### **Technophile**

Another chunk of my time has been spent updating the DC office on some technology issues. I don’t know about you, but I haven’t used a dial-up connection to the internet since 1995 and I certainly didn’t intend to go back. I believe that all the Societies can benefit from the technology out there and improve our operational efficiency. We have a lot of tech savvy people in our membership and I hope to draw on their expertise to help move the Weed Science Societies forward.

### **The Train Has Left The Station**

For those of you who have been to the Washington DC office, you know that our office suite directly overlooks the railroad tracks that depart from Union Station. Hence, I see a lot of trains arrive and depart every day. I share this office suite with Karl Glasener from the Agronomy, Crop and Soil Science Societies (ASA-CSSA-SSSA), and Tamara Wagester from the Council on Food, Agricultural and Resource Economics (C-FARE). We hope to expand the office suite to more “agricultural policy directors” in the future because we certainly benefit from our interactions on any number of issues. At the same time, I hope that if you are visiting Washington DC, for business or pleasure, that you will let me know when you will be in town! I can easily arrange a visit to your elected officials’ Congressional office and provide you with some briefing materials. It’s really a piece of cake!

### **Five Goals This Year**

Working with Rich Bonanno, chair of the WSSA Washington Liaison Committee, we have developed a list of five main goals we would like to accomplish in the coming year.

1. Expand the awareness of weed science issues and increase participation in the 7th National Invasive Weeds Awareness Week (NIWAW 7). Nelroy Jackson, chair of the NIWAW 7 planning committee has done an amazing job of planning the next conference. Nelroy has been an invaluable resource to me thus far. The Weed Science Societies are fortunate to have such a dedicated and committed member to weed science issues. Plan to attend NIWAW 7 on February 26- March 3, 2006 in Washington DC!
2. Work with the USDA-ARS to adopt Weed Science as a Federal job series. - Rob Hedberg initiated this movement and I hope we can finish it. I find it ridiculous that when ARS posts a job listing for a weed scientist that they can’t refer to the position need as “Weed Scientist”.
3. Expand the WSSA’s participation and recognition within the EPA as an “independent and unbiased source of information for weed science related issues”. The EPA has opened the door for us and we need to take advantage of this opportunity. Initially, I will be working with Carol Mallory-Smith, Rich Bonanno and John Jachetta this fall to set this train in motion.
4. Increase Weed Science research funding opportunities. The WSSA is currently a dues paying member of several coalitions whose main goal is to advance agricultural research funding opportunities. Two main

## Washington Report, October 2005

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coalitions are the Coalition on Funding Agricultural Research Missions (CoFARM: <http://www.cofarm.org/index.html>) and the National Coalition for Food and Agriculture Research (NC-FAR: <http://www.ncfar.org/index.asp>). I also hope to get the WSSA more involved in the Council for Agricultural Science and Technology (CAST: [http://www.cast-science.org/cast/src/cast\\_top.htm](http://www.cast-science.org/cast/src/cast_top.htm)). I will be meeting with CAST's new Executive Vice President, John Bonner, on September 23, 2005.

5. Find opportunities to advance the awareness and financial support of weed science in the 2007 Farm Bill. As most of you know, the discussion and listening sessions for the 2007 Farm Bill have already begun. There is much debate about how our international trade negotiations and World Trade Organization (WTO) cases will affect the commodity programs in the next Farm Bill. Regardless of what happens, weed science needs to have a seat at the table and make sure our voice is heard on Capitol Hill.

### Money and Mayhem

#### USDA RELEASES \$5 MILLION TO RESTORE AND PROTECT WETLANDS IN 20 STATES

On July 19, 2005, Agriculture Deputy Secretary Chuck Conner announced the availability of \$5 million in the Wetlands Reserve Program (WRP) for restoration activities in 20 states. These funds will restore and protect nearly 40,000 acres of wetlands. "This is another step towards meeting the President's wetlands initiative goal set last year to restore, improve and protect at least 3 million acres of wetlands. Through cooperative conservation efforts with federal and state agencies, private landowners and nongovernmental organizations, saving wetlands is resulting in cleaner air and water, healthier soil and improved fish and wildlife habitat," said Conner.

WRP, administered by the Natural Resources Conservation Service, is a voluntary conservation program that offers landowners the opportunity to protect, restore and enhance wetlands on their property. The goal of the program is to achieve the greatest wetland functions and values and create optimum wildlife habitat on every acre enrolled in the program.

States receiving the WRP funds are: California- \$250,000; Delaware- \$300,000; Idaho- \$56,500; Illinois- \$40,000; Iowa- \$125,000; Louisiana- \$800,000; Maryland- \$20,000; Michigan- \$250,000; Minnesota- \$350,000; Mississippi- \$100,000; Missouri- \$550,000; Nebraska- \$150,000; New York- \$300,000; North Carolina- \$93,000; Ohio- \$100,000; Oklahoma- \$50,000; South Carolina- \$385,000; Tennessee- \$75,000; Texas- \$521,125; and Vermont- \$10,000.

Additional information on WRP is available at <http://www.nrcs.usda.gov/programs/wrp>

### Pesticide Drift

On July 25, 2005, the USDA ARS issued a News Release, titled "Unique Software for Preventing Pesticide Drift," which states in part that "The first user-friendly computer software for estimating the droplet drift distances for pesticide spray applications has been released by ARS and Ohio State University agricultural engineers. Heping Zhu and Robert Fox at ARS' Application Technology Research Unit in Wooster, Ohio, and Erdal Ozkan at OSU-Columbus named the new software "DRIFTSIM," for Drift Simulator ... The OSU Communications and Technology Office is distributing the DRIFTSIM software for a nominal fee. The Windows-based software can help farmers and Extension Service educators minimize pesticide drift by helping them choose equipment, settings and techniques. It also helps manufacturers design pesticide formulations and pesticide spraying equipment to minimize drift potential of their products. To calculate the likelihood of pesticide drift, the program allows pesticide spray operators and manufacturers to specify wind speed, droplet size and speed, nozzle height, operating pressure, air temperature and relative humidity ..." - The complete text of the ARS News Release is posted at <http://www.ars.usda.gov/is/pr/2005/050725.htm>

### Biopesticide Research Grant Proposals

Biopesticide Research Grant Proposals are sought by November 18, 2005 by the Interregional Research Project No. 4 (IR-4) - The IR-4 Biopesticide Research Program has issued a "request for grant proposals for funding of efficacy research in 2006. With newer targeted conventional chemicals there is interest in resistance management to maintain the utility of those products. Therefore, IR-4 is especially interested in proposals containing biopesticides as resistance management tools, rotated with conventional products. While resistance management

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is an important interest, the proposal must still have a majority focus on biopesticides. Selection of treatments and experimental design should be considered to elucidate the contribution of each component to the pest control system ... The total amount of funding available will be around \$400,000. Most successful grants have generally ranged from \$5,000 to \$10,000 with the largest grants generally around \$20,000. The primary objective of the IR-4 Biopesticides Research Program is to further the development and registration of biopesticides for use in pest management systems for specialty crops or for minor uses on major crops ... Eligible applicants are all U. S. public and private colleges and universities, USDA agencies, commodity groups, non-government organizations and contract research organizations. Preference is given to proposals from USDA and land grant institutions. Basic producers or registrants of biopesticides will not be funded, however collaboration with registrants is strongly encouraged ..." - Details are posted at <http://ir4.rutgers.edu/Docs/2006callforproposals.htm> - Questions may be directed to Michael Braverman, Ph.D, IR-4 Biopesticide Manager at 732 932 9575, ext 610; e-mail: [Braverman@aesop.rutgers.edu](mailto:Braverman@aesop.rutgers.edu).

### Farm Bill Forums

The dates, locations and times of the forums will be announced as they are scheduled and be available on the USDA website: <http://www.usda.gov/farmbill>

Six key topics will frame the forums, which the public is invited to comment on:

1. How should farm policy be designed to maximize US competitiveness and our country's ability to effectively compete in global markets?
2. How should farm policy address any unintended consequences and ensure that such consequences do not discourage new farmers and the next generation of farmers from entering production agriculture?
3. How should farm policy be designed to effectively and fairly distribute assistance to producers?
4. How can farm policy best achieve conservation and environmental goals?
5. How can federal rural and farm programs provide effective assistance in rural areas?
6. How should agricultural product development, marketing, and research-related issues be addressed in the next farm bill?

Respondents can submit their comments electronically on the USDA home page (<http://www.usda.gov>) by selecting "Farm Bill Forums." Comments can also be emailed to [FarmBill@usda.gov](mailto:FarmBill@usda.gov), or be sent by mail to: Secretary of Agriculture Mike Johanns, Farm Bill, 1400 Independence Avenue SW, Washington, DC 20250-3355. USDA will review the public comments received by December 30, 2005, including any analyses, reports, studies and other material submitted with the comments that address the six questions.

### At Your Service

I am very grateful for the opportunity to serve as Director of Science Policy for the National and Regional Weed Science Societies! I believe that the best days for the Weed Science Societies lie ahead of us. I look forward to the opportunity to get to work with more of our members and hope you feel comfortable enough to contact me with concerns that you have. I'm not going to be able to address every single issue, but I will certainly do my best to help you out. Along those lines, I hope that I can bring in a weed science grad or undergrad student to DC on a short internship to help me out. If you have any interest in DC policy and politics, I could use your help in the near future!

I didn't really provide you with any of my background, but I want to give you a brief summary of who I am:

- Grew up on a dairy farm near Green Bay, WI. Didn't like milking cows, so I did my undergrad work in Agronomy and Horticulture at the University of Wisconsin.
- Completed my Masters Degree in sweet corn weed management under the late Dr. Gordon Harvey.

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- Have been a member of the WSSA since 1996 and have attended six Annual Meetings and five regional weed science meetings.
- Dr. Bruce Maxwell and Dr. A.J. Bussan co-advised me on the “Field-Scale Spatial Distribution, Water Use, and Habitat of Wild Oat in the Semiarid Northern Great Plains” at Montana State University.
- Dr. Clarence Swanton’s gray hair is due to me (I was an unfortunate pedestrian in a hit and run accident while at the 2000 WSSA Annual Meeting in Toronto, Ontario, Canada).
- Was selected as a Congressional Science Fellow through the Agronomy, Crop, and Soil Science Societies Congressional Fellowship Program in 2002-03.
- During the past two years, I worked for Rep. Gil Gutknecht (R-MN) and Rep. Nick Smith (R-MI-retired), both members of the House Agriculture and House Science Committees.
- I am socially moderate and fiscally conservative in my political views. If you “take the quiz” at

<http://www.politicalcompass.org/>, you can compare yourself to my numbers. I’m a 1.5 on the social axis and a 6.2 on the economic axis.

- My lifetime alumni memberships include Alpha Gamma Rho and the National FFA Organization.
- The Green Bay Packers are invincible.
- “You ain’t much if you ain’t Dutch”, a local saying back home.
- In my free time, I play a lot of recreational sports, spend time with my girlfriend, and serve as a “volunteer” tour guide in Washington DC.

I would like to thank the WSSA Board of Directors for this opportunity. I look forward to working with you.

Sincerely,

Lee Van Wychen  
900 2nd St. NE, Suite 205  
Washington, DC 20002  
Lee.VanWychen@WeedScienceOrgs.com  
work: 202-408-5388  
fax: 202-408-5385 ♦



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## 2005 NCWSS Weed Contest Manhattan, Kansas

The Weed Science group at Kansas State University hosted this summer’s Weed Contest on July 20 and 21, 2005 at the Department of Agronomy Ashland Bottoms Research Farm. We had some high heat, intense events, and great competition. Thirty-one graduate and 26 undergraduate students participated from nine different schools across the North Central and Southern regions. The participating universities and colleges were Michigan State University, Mississippi State University, North Dakota

State University, Ohio State University, Parkland College (Champaign IL), Purdue University, University of Arkansas, University of Illinois, and University of Missouri. A total of seven graduate teams and 4 undergraduate teams competed for the different team and individual awards.

The contest was a great success! We had 46 volunteers, from both industry and academia, that survived the heat, were consistent in their roles as farmers and judges, and maintained plant materials and calibration equipment throughout the day. We had a number of local and regional sponsors that supported the Weed Contest, including: NCWSS, SWSS, Cargill, Frontier Farm Credit, Farmers Coop Insurance Alliance, Monsanto, BayerCropScience, Syngenta, Spraying Systems Co., R&D Sprayers, Golden Harvest Seeds Inc., Martin CAT/Tractor Co., Servi-Tech, Inc., and K-State Department of Agronomy.

The K-State Weed Science group was excited to plan and host the contest. Thanks go to the graduate students, summer assistants, and faculty and staff for all their efforts in planning or volunteering. Specifically, thanks go to Chris Schuster, Doug Shoup, Molly Marple, Dwain Rule, Michael Duff, Scott Feldt, Anita Dille, Dallas Peterson, Kassim Al-Khatib, and Bob Wolf.



# 2005 NCWSS Weed Contest Winners

## Overall Graduate Teams\*



**1<sup>st</sup> Place** University of Arkansas: Jason Alford, Chad Brewer, Nathan Goldschmidt, Vinod Shivrain

## Overall Undergrad Teams\*



**1<sup>st</sup> Place** Ohio State University: Andy Westhoven, Mitch Bambauer, Jason Parrish, Austin George



**2<sup>nd</sup> Place** Mississippi State University: Darrin Dodds, Matt Kirkpatrick, Wade Givens, Tom Eubanks



**2<sup>nd</sup> Place** Ohio State University: Aaron Tournoux, Michael Vorwerk, Joe Ringler, Nic Miller



**3<sup>rd</sup> Place** Michigan State University: Scott Bollman, Kathrin Shirmacher, Dana Harder, Ann McCordick



**Sorry no image**

**3<sup>rd</sup> Place** Parkland College - Eric Beckett, Charlie Mitsdarfer, Chris Rudisill, Travis Tedlock

\*Individuals are not in order of appearance.

# 2005 NCWSS Weed Contest Winners



**Field Sprayer Calibration Graduate Team**  
Mississippi State University.



Sorry no image

**Field Sprayer Calibration Undergraduate Team**  
Parkland Collage

## Overall Individual Awards Grad Students



**1st** - Nathan Goldschmidt  
University of Arkansas

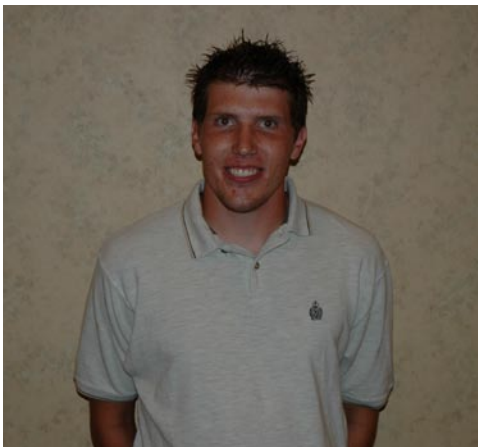


**2rd** - Vinod Shivrain  
University of Arkansas



**3rd** - Vince Davis  
Purdue University

## Undergraduate Students



**1st** - Jason Parish  
Ohio State University



**2rd** - Andy Westhoven  
Ohio State University



**3rd** - Mitch Bambauer  
Ohio State University



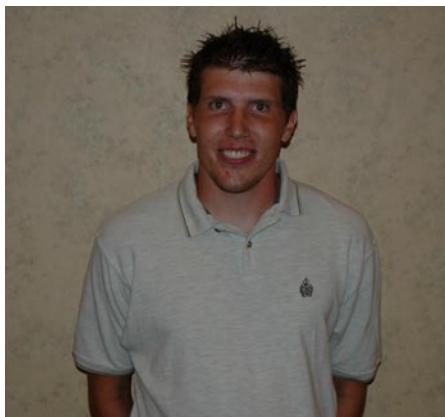
# 2005 NCWSS Weed Contest Winners

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## Weed Identification



**Graduate** - Dana Harder  
Michigan State University

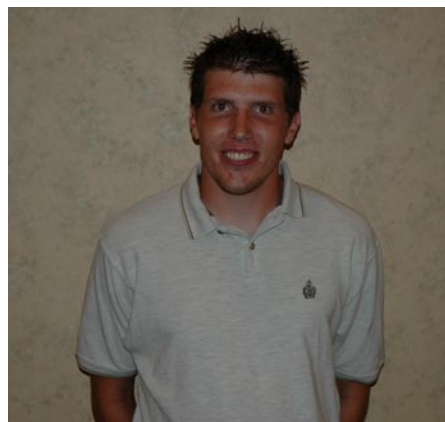


**Undergraduate** - Jason Parish  
Ohio State University

## Unknown Herbicides



**Graduate** - Nathan Goldschmidt  
University of Arkansas



**Undergraduate** - Jason Parish  
Ohio State University

## Problem Solving



**Graduate** - Darrin Dodds  
Mississippi State University



**Undergraduate** - Joel McCormick,  
University of Illinois

## Written Calibration



**Graduate** - Chad Brewer  
University of Arkansas



**Undergraduate** - Jason Parish  
Ohio State University



# Canadian Weed Science Society

## Soci t  canadienne de malherbologie

### Annual Meeting November 26 - 30, 2005 Fall View Sheraton Hotel Niagara Falls, Ontario

The Canadian Weed Science Society will be hosting a symposium entitled, **“Transgenic Herbicide Tolerant Crops: Agronomy, Environment and Beyond”**, on Monday November 28, 2005 from 9:00 am to 5:00 pm at the Sheraton Fallsview Hotel in Niagara Falls Canada. The symposium will address issues of international trade, agronomy and the environmental impact of this technology. For further information please visit the web site of the Canadian Weed Science Society at [WWW.CWSS-SCM.CA](http://WWW.CWSS-SCM.CA)

Monday Morning, November 28, 2005

8:00 am -12:00 Noon

Symposium

Transgenic HT Crops: Agronomy, Environment and Beyond

Session Chair: Clarence Swanton  
Oakes South

Monday, November 28, 2005

Lunch

1:00 - 5:00 pm

Oakes South

Time	Topic	Speaker
9:00	Welcome	Denise Maurice
9:05	Local Arrangements	Al Hamill
9:10	Introduction to Symposium	Clarence Swanton
9:20	Sowing the Seeds of Acceptance	Ray Mowling
9:40	Ten Years of Biotechnology - a Historical Perspective	Connor Dobson
10:00	Break	
10:20	Weed Management with Herbicide Tolerant Crops in Eastern Canada	Peter Sikkema
10:40	Weed Management with Herbicide Tolerant Crops in Western Canada	Neil Harker
11:00	Selection of Herbicide Resistance and Tolerance in Weeds; the Influence of Herbicide Resistant Crops	Francois Tardif
11:20	Herbicide toler Canola - the View from the Farm Gate	Joanne Buth
11:40	Panel discussion with all morning speakers	Clarence Swanton

Time	Topic	Speaker
1:00	Intraspecific Gene Flow: Influenceing Factors and Consequences	Linda Hall
1:20	Gene Flow between GM Crops and Related Species in Canada	Suzanne Warwick
1:40	Monitoring and Persistence of rDNA in Soil and Water	Jeff Powell
2:20	Non-Target Impacts on Soil Fungi of Roundup Ready Cropping Systems	Kari Dunfield
2:40	Genetically Modified Feed and the Fate of Recombinant DNA Through the Digestive Tract of Livestock	Tim McAllister
3:00	Lunch	
3:20	GM Crops are Not Containable	E. Ann Clark
3:40	The Potential for Co-Existence of GM and non-GM Crops in Canada.	Rene Van Acker
4:00	Implications of Genetically Modified Crops for the Canadian Seed Industry - Challenge or Opportunity?	Henry Olechowski
4:20	Incorporating Rapidly Evolving Scientific Knowledge into Risk Assessment for Plants with Novel Traits	Phill Macdonald
4:40	Summary and panel discussion with all afternoon speakers	Clarence Swanton