

NCWSS *News*

North Central Weed Science Society

Volume 17, Number 2, Summer 2000

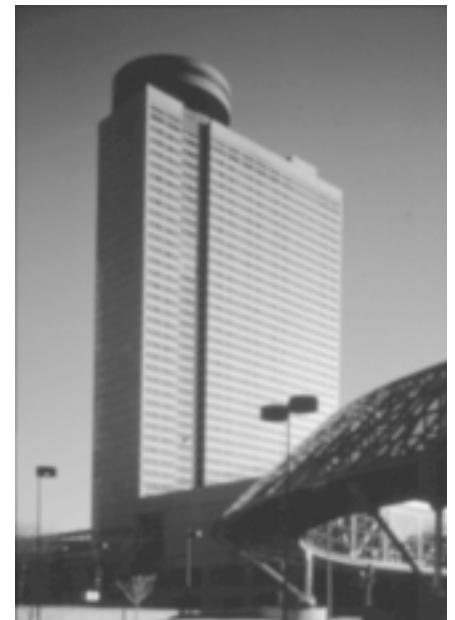
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Kansas City, Here We Come!

Kansas City, the Hyatt Regency Crown Center hotel and your local arrangement committee look forward to hosting the 2000 NCWSS annual meeting. Duane Rathmann, your 2000 program chair, is working on a program that offers interesting topics for everyone. The Hyatt Regency has excellent meeting facilities and a staff committed to make the meeting a success.

For those of you wishing to explore Kansas City, there are a variety of attractions and activities for your entertainment. Christmas time at the Hallmark Crown Center and at Country Club Plaza should not be missed. Upscale shopping, theaters, and excellent restaurants, all of which are illuminated with more than 75 miles of colorful holiday lights. Perhaps a visit to the Nelson-Atkins Museum of Art or the newly opened Science City at Union Station or just a relaxing evening of ice skating is of interest. For the sports-minded, Kansas City is home to the



Kansas City Blades hockey team. All of these activities and many more are just a short walk or taxi ride away from the Hyatt Regency.

Please plan to join us at the Hyatt Regency Crown Center, 2345 McGee,

Kansas City, MO 64108 (800/233-1234 or 816/421-1234) on December 11 to 14, 2000 for the NCWSS annual meeting. If you have questions, comments or suggestions concerning the meeting, please contact the Local Arrangements Committee Chair, Jim Bloomberg, or the appropriate subcommittee chair. See you in Kansas City!



North Central
Weed Science Society



Call for Papers

Call for Papers for the 55th Annual Meeting of the North Central Weed Science Society

Hyatt Regency Hotel, Kansas City, MO

December 11-14, 2000

NCWSS Members and Other Interested Parties:

This issue of the NCWSS Newsletter serves as the **Call for Papers** for the 2000 meeting of the North Central Weed Science Society. You will not be receiving additional notices, so mark your calendar and submit your presentations by September 1, 2000. Submissions received **after** September 1 may be placed in alternate sections, switched to the poster session, or rejected, depending on the availability of space in the sections.

To make paper submission more efficient and convenient, all papers must be submitted via the NCWSS Web Site (www.ncwss.iastate.edu/) submission process. The details of this process are covered later in this Call for Papers.

Due to the continued growth and success of the Poster Session, posters will be grouped by section and displayed through Wednesday afternoon. To designate the desired section, specify the section preference with your title submission as you would for an oral paper presentation.

LCD Presentations: We are trying to accommodate the majority of the membership who would prefer to present their oral presentations via an LCD projector with Power Point. If this is your preference, please check that area in the title submission. More details on the requirements for LCD presentations will be available on the NCWSS web site by August 1st.

Graduate Student Contests: The 2000 program will again feature graduate student paper and poster contests. Students are eligible to compete in both contests. As usual, we are looking forward to top quality, innovative presentations by the students. Guidelines for the contests are found later in this call for papers.

Sustaining Member Displays: As requested, sustaining members displays will be along a wide hallway just outside of the session rooms offering good exposure during the entire course of the conference. This new location should allow for good NCWSS member traffic. Guidelines for sustaining member displays are found later in this call for papers.

Program: The program will begin Tuesday morning December 12, 2000 and conclude at noon Thursday, December 14, 2000. The theme for this year will be "The Future of Weed Science". Please keep this theme in mind as you develop your presentation.

Topics for this year symposia are:

- Invasive Weeds, Jerry Doll, Chair
- Site Specific Weed Management/Integrating Biology with Spatially Variable Decision Making, Greg Johnson, Chair
- Conducting APHIS Regulated Field Trials, Susan Bellman, Chair
- Communicating Weed Science, Bryan Young, Chair

Thank you for your participation and support of the North Central Weed Science Society. If you have any suggestions to improve the program, please let me know.

Duane P. Rathmann
President-Elect and Program Chair
507/835-2580

Preparation of Title Submission

Please read and follow all instructions when preparing and sending title submission information!

Indicate whether the presentation is a poster or paper, and then select the section in which you want to make your presentation. Identify your first and alternate choices. Any questions pertaining to the appropriateness, etc., of your presentation in these sections can be answered by contacting the Program Chair or the respective Chair of that section. Indicate whether you would like to present via an LCD projector and note other requirements of an LCD presentation.

Type the title, authors, affiliation (institution, agency, or company) and location (city and state) exactly the way they are to be printed in the program. Include the full first name and middle initial of the authors, rather than just initials. Do not include departments or division, zip codes, or the name of the state if it is a part of the institution's name. Designate with an asterisk (*) the author who will present the paper. Give the common names of weeds, herbicides, and crops. Study the examples below:

Control of Velvetleaf in Soybean with Clomazone. Jeffrey L. Gunsolus* and Beverly R. Durgan, Univ. of Minnesota, St. Paul.

Weed Control in Glyphosate Resistant Soybean with Sulfentrazone. Ronald F. Krausz* and George Kapusta, Southern Illinois Univ., Carbondale.

Call for Papers

Postemergence Herbicides for Broadleaf Weed Control in Corn.
Loyd M. Wax*, J. Boyd Carey, and Marshal D. McGlamery,
USDA-ARS, Univ. of Illinois, Urbana; American Cyanamid Co.,
Champaign, IL; and Univ. of Illinois, Urbana.

Phenology and Photosynthesis of Common Lambsquarters in
Soybean, Snap Bean, and Field Corn. Jed B. Colquhoun*, Larry
K. Binning, David E. Stoltenberg, Chris M. Boerboom, and
Timothy R. Connell, Univ. of Wisconsin, Madison.

Do not use trade names in the title of a paper. If the herbicide does not have a common name that is accepted by WSSA (See WSSA Home Page at <http://ext.agn.uiuc.edu/wssa/>), it should be identified by giving the code number. If the trade name of a chemical appears in the title, the authors must supply a suitable justification statement for using the trade name. In scientific reporting, trade names are required very infrequently. All other chemicals, such as surfactants, protectants, other pesticides, etc., should be identified by common name or code number.

Procedures for Submitting Titles

All submissions **must** be via the NCWSS web site as follows: Contact the NCWSS web site at <http://www.ncwss.iastate.edu/> Follow the instructions on the screen.

Use a separate form for each paper.

The program chair will acknowledge receipt. If you do not receive acknowledgment by September 7, please contact the program chair by phone or e-mail to determine problem.

The form will be automatically forwarded to the appropriate section chair and other individuals. It's that simple; no paper required!

Sectional Program Chairs

Corn and Sorghum

Shane Taylor, Chair (812/876-5153, shane.taylor@agna.zeneca.com)

Cereals and Oilseeds

Patrick Geier, Chair (785/625-3425, pgeier@oznet.ksu.edu)

Forage and Range

Gary Kilgore, Chair (316/431-1530, gkilgore@oznet.ksu.edu)

Industrial, Forestry, Turf, and Aquatics

Arvon Glazer, Chair (913/897-7378, glaz7277@aol.com)

Equipment and Application Methods

John Fenderson, Chair (316/825-4379, john.m.fenderson@monsanto.com)

Soybeans and Annual Legumes

Peter Porpiglia, Chair (914/682-8934, porpigliap@aol.com)

Herbicide Physiology

Mark Dahmer, Chair (303/888-6293, mark_dahmer@py.cyanamid.com)

Weed Ecology and Biology

Stevan Knezevic, Chair (402/584-2808, sknezevic2@unl.edu)

Soil and Environmental Aspects

Michael Hickman, Chair (765/494-4448, hickman@btny.purdue.edu)

Sugarbeets, Horticulture, and Ornamentals

Doug Doohan, Chair (330/202-3593, doohan.1@osu.edu)

Extension

Ron Krausz, Chair (618/566-4761, rkrausz@siu.edu)

Poster Session

Patrick Tranel, Chair (217/333-1531, tranel@uiuc.edu)

Regulatory and Crop Consultants

Sue Bellman, Chair (608/883-6990, sbellman@idcnet.com)

General Program

Duane Rathmann, Chair (507/835-2580, duane_rathmann@py.cyanamid.com)

Please bring 50 copies of your abstract to the meeting. These will be made available at the meeting for those interested in your research.

Call for Papers

Oral Presentations

A 15 minute paper (including time for questions) is suggested. Time slots of other than 15 minutes may be allowed by the program chair for special situations. This year we are giving the option of using the standard 2 × 2 carousel slides or using Power Point software via a computer and LCD projector. Please check the NCWSS web site for further instructions regarding the use of LCD projectors. If the logistics of using LCD projection can not be worked out, we will default to 2 × 2 slides. Please indicate your preference of slides or LCD when you submit title information on the NCWSS web site. You will be notified if we can accommodate your paper in a LCD session.

You are asked to submit a paper or abstract for inclusion in the NCWSS Proceedings. The paper or abstract should be presented both as a hard copy and on a computer disk to the session moderator at the time the paper is presented. The Proceedings Editor will send instructions for submitting papers and abstracts to the Proceedings when your title is submitted.

Poster Session

Chair: Patrick Tranel, 217/333-1531

The poster session begins at 8 am on Tuesday morning, December 12. One poster mounting board, approximately 48 inches × 48 inches, supported on an easel will be provided by the NCWSS. The authors will be with their posters from 8 to 9:45 am on Tuesday, December 12. Posters will be positioned in the Pershing Exhibition Hall and will remain in place all day Tuesday and until noon on Wednesday. Posters should be removed between 2 and 4 pm on Wednesday. Posters will be arranged according to subject, so please indicate your section preference on the Title Submission form via the NCWSS web site. Additional details will be mailed to each poster

Call For Sustaining Member Displays

Sustaining member displays can be set up Monday afternoon and should be taken down by 4 pm Wednesday. The display area this year will be in the ballroom level pre-function area for optimum NCWSS member traffic.

Guide for Preparing Displays

Products and services displayed: Examples of products and services that Sustaining Members may display to present information that advances weed science and technology include herbicides, computers, data collectors, application equipment, application services, contract research services, laboratories, publications, crop varieties, weed seed supplies, research equipment, toxic waste disposal, packaging, transportation, media equipment, teaching aids, etc.

Space available: Each exhibit must be contained within a space 10 feet wide by 8 feet deep unless special permission is received from Industry chair, Dave Nicolai at 651/451-4948.

Tables available: Rectangular tables with dimensions of 6 feet × 2.5 feet will be available. Exhibitors may use them for displays that fit the prescribed available space.

Electrical current: Standard electrical receptacles for 120 volt current will be available. Please bring a 50 foot extension cord to assure accessibility.

Sounds and lights: Displays with sounds or lights that would distract from other displays will not be permitted. Silent projectors and video equipment are permitted.

Time for set-up: The display area in the ballroom level pre-function area will be open for setting up exhibits beginning Monday afternoon, December 11.

The displays must be removed before 4 pm on Wednesday, December 13.

Staffing Displays: It is recommended that exhibitors have personnel at their exhibits during the normal hours of the meeting. Since the exhibit area is an open hallway, all valuables should be removed from the display when it is not manned.

Number of displays: Each sustaining member is entitled to only one display. Non sustaining members may not share space with sustaining members.

Sales activities and business transactions will not be permitted in the display area. Likewise, promotional activities that detract from the professional integrity of the NCWSS will not be permitted.

Shipping of Displays: Please make your own arrangements for shipping your display to and from the hotel.

Becoming a Sustaining Member of the NCWSS: For information on how to become a Sustaining Member of the NCWSS, contact the coordinator of the sustaining member displays at the Kansas City, MO meeting, Dave Nicolai, 651/451-4948, dnico@cnxlol.com

Call for Papers

Graduate Student Paper Contest

**Chair: David Johnson, (651/699-0173,
johnsondh@pt.cyanamid.com)**

Awards will be presented to graduate students giving outstanding papers at the 2000 meeting of the North Central Weed Science Society. Awards will be presented to the first and second place winners at the banquet. Any graduate student who is registered in attendance at the NCWSS meeting and has conducted the research being reported while a student in the North Central Region is eligible to compete, except those having won first place in a previous contest.

Graduate students may enter the paper contest by submitting the Title and indicating entry into the contest. An abstract or full paper must be presented as a hard copy and on computer disk to the section moderator at the time of the presentation for publication in the proceedings. The criteria for evaluation of presentations can be found on page 221-222 of the Proceedings of the 1999 North Central Weed Science Society.

Participating graduate students will receive a free banquet ticket from the NCWSS. Awards will consist of certificates of achievement and a minimum monetary award of \$100 for first place and \$50 for second place to winners in each division. The contest chairperson in charge of the graduate student paper contest is David Johnson.

Graduate Student Poster Contest

**Chair: Kassim Al-Khatib, (913/532-6101,
khatib@ksu.edu)**

The graduate student poster contest will be in parallel in concept to the graduate student paper contest. Graduate students may enter the poster contest by submitting the title and indicating entry into the contest. An abstract or full paper must be presented as a hard copy and on computer disk to the section moderator at the time of the presentation for publication in the proceedings. The criteria for evaluation of presentations can be found on page 222 of the Proceedings of the 1999 North Central Weed Science Society.

Participating graduate students will receive a free banquet ticket from the NCWSS. Awards will consist of certificates of achievement and a minimum monetary award of \$100 for first place and \$50 for second place to winners in each division. The contest chairperson in charge of the graduate student poster contest is Kassim Al-Khatib.

Please bring 50 copies of your abstract to the meeting. These will be made available at the meeting for those interested in your research.

From Your NCWSS Newsletter Editor

The deadlines for submitting items for the next two NCWSS Newsletters are September 1 and February 1. Preferred method of news item submission is by e-mail (michael.j.horak@monsanto.com). Otherwise, contact:

Michael Horak
Monsanto Company
MC V2B
800 N. Lindbergh Blvd.
St. Louis, MO 63167
(314) 694-3476

NCWSS Business Office Address and Phone

NCWSS
1508 West University Avenue
Champaign, IL 61821-3133
Phone: (217) 352-4212
FAX: (217) 352-4241

Call for Nominations

Call for Nominations for NCWSS Fellows

Contact **Alan Dexter** indicating your intention to nominate someone as a Fellow or to suggest a nominee.

Selection as a Fellow is the highest honor the society bestows on its members and is limited to 0.5 percent of the membership annually.

The Fellow Committee is responsible for identifying those individuals most deserving of this recognition. To assist with this task, members of the Society are encouraged to submit nominations for NCWSS Fellows or to suggest possible nominees for this award to the Chairman of the Fellow Committee.

The deadline for submitting nominations and supporting letters for this year is September 15, 2000. Directions for submission of nominations can be found in the 1999 Proceedings of the NCWSS p. 246-247. Eight copies of the nomination should be submitted to: Alan Dexter, North Dakota State University, Plant Sciences Department, Fargo ND 58105, 701-231-8131.

2000 Distinguished Achievement Awards

Now is the time to begin thinking about the nomination of your outstanding colleague in one of the following award categories:

- Education
- Industry
- Professional Staff
- Research
- Young Scientist

The NCWSS seeks to recognize the outstanding contributions of its members through the Distinguished Achievement Awards, but we need your help. A deserving candidate can't receive an award if he or she is not nominated.

Complete details of the nominating process and eligibility of nominees can be found in the 1999 Proceedings. **Please Note:** the rules were changed for 2000 in that the paperwork requirements were reduced. This should streamline the nomination process for all concerned. The deadline for submission of all nomination materials to the committee is September 10, 2000.

If you have any questions, please contact the Distinguished Achievement Award Chair, Phil Orwick, at the National Soybean Research Laboratory, 1101 West Peabody Ave., Urbana, IL 61801. E-mail is orwick@uiuc.edu. Phone is (217) 265-4066 and FAX is (217) 244-1707.

WSSA Undergraduate Research Award—Year 2001

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

Award: Up to \$1,000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2001. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

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

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

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

How to Apply: The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330 Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: jjjachetta@dowagro.com. Proposals should be received no later than November 15, 2000. Funding decisions will be made by January 25, 2001 and presented at the 2001 WSSA National Meeting Awards Banquet.

Help Needed: Graduate Paper and Poster Contest Judges

If you are willing to be a contest judge for the graduate student paper or poster contest at the 2000 December meeting please contact:

Poster Contest:

Dave Johnson
American Cynamid
1265 Forest Ridge Trail
Apt 8
Eagan, MN 55123
612/686-2834

Paper Contest:

Kassim Al-Khatib
Kansas State University
Department of Agronomy
2004 Throckmorton Hall
Manhattan, KS 66506-5501
785/532-5155

2001 Committee Participation Request Form North Central Weed Science Society

I would like to volunteer to serve the NCWSS as a member of a committee starting in 2001. I am listing my order of preference to serve on the following committee(s) (subject to available space):

1. _____
2. _____
3. _____
4. _____ I have no preference; I'm willing to serve where needed.

Name _____

Address _____

Telephone _____

Committee assignments will be made after the 2000 meeting, so your name will be kept on file for these assignments. This form should be returned to Duane P. Rathman, 604 9th St. NE, Waseca, MN 56093-3625.

Virginia Polytechnic Institute and State University Position Available

Assistant/Associate Professor of Turfgrass Weed Management. Starting date: January 1, 2001.

Location: The Department of Plant Pathology, Physiology and Weed Science in the College of Agriculture and Life Science at Virginia Polytechnic Institute and State University (Virginia Tech) in Blacksburg, Virginia.

Responsibilities: This is an academic, tenure-track position in the Department of Plant Pathology, Physiology and Weed Science with a majority extension and a minority research appointment. The individual will be expected to develop and lead a Statewide extension educational program for weed control in Virginia turfgrass. Specific responsibilities will include

- 1) development, implementation, and evaluation of a comprehensive research and extension program relating to the identification and control of weeds in Virginia turfgrass,
- 2) development of statewide educational programs in cooperation with university faculty on

and off campus, county extension faculty, commodity representatives, homeowners, advisory committees, governmental agencies, and agribusiness personnel,

- 3) development of cooperative relationships with external funding partners including commodity groups, governmental agencies, and industry representatives, and
- 4) development of a comprehensive program of applied research which supports these extension objectives and leads to the publication of high quality contributions in refereed journals.

Qualifications: Ph.D in Weed Science or a closely related discipline is required. Preference will be given to individuals with extensive experience in applied Weed Science and extension and research experience in identification and control of weeds in turf. Other considerations will include evidence of superior academic training, written and oral communication skills, leadership

potential, and interpersonal skills. Experience with web-based educational programs and computer-based development of educational materials is highly desirable.

Application: Inquiries and applications should include a one page statement describing research interests, resume, academic transcripts, and names and addresses of three individuals who would be willing to provide letters of reference. Information should be sent to:

Dr. E. Scott Hagood, Jr., Chairman, Turfgrass Weed Management Committee, Department of Plant Pathology, Physiology and Weed Science (0331), Virginia Polytechnic Institute and State University, Blacksburg, VA 24061, Telephone: 540/231-6762; FAX: 540/231-7477; e-mail: shagood@vt.edu

Closing Date for Application:

Application review will begin September 1, 2000 and continue until an acceptable applicant is found.

University of Wisconsin-Madison Position

Assistant Professor, Weed Ecology
Department of Agronomy
College of Agricultural and Life Sciences
University of Wisconsin-Madison

Position description: The position is a 12-month, tenure-track appointment with a 75 percent research emphasis on weed ecology as related to integrated weed management systems, and a 25 percent teaching emphasis on weed science principles and practices.

Duties and responsibilities: The successful candidate will be expected to develop a rigorous, nationally and internationally recognized research program that generates weed ecology information relevant to integrated weed management systems in Wisconsin and regional agroecosystems. The research program will be

expected to integrate one or more of the following specific areas into weed management systems: weed biology, weed-crop interactions, weed population dynamics, weed species diversity in agroecosystems, and weed population genetics. The successful candidate will be expected to demonstrate research productivity through publication in relevant refereed dynamics is preferred. Classroom teaching experience with innovative teaching methods is preferred. The successful candidate must have effective communication skills (written and verbal) and the ability to interact with colleagues in Weed Science, Agronomy, and other disciplines, as well as members of the agricultural community.

Application: To ensure consideration, applications must be received by October 15, 2000.

Applications must include the following information: 1) a letter of application, 2) a complete resume, and 3) official transcripts. Applicants must have three letters of references sent to the Search and Screen Committee Chair. Send completed applications to:

Dr. David E. Stoltenberg
Search and Screen Committee Chair
1575 Linden Drive
University of Wisconsin
Madison WI 53706-1597

Unless confidentiality is requested in writing, information regarding the names of applicants must be released upon request. Finalists cannot be guaranteed confidentiality. UW-Madison is an equal opportunity/affirmative action employer.

Postdoctoral Research Position in Weed Ecology at ISU

The Research Associate will be a member of a multidisciplinary research team working to understand the impacts of composted swine manure on weed/crop interactions and weed seed bank ecology. Specific objectives are to: a) to identify how application of an organic amendment to soil alters weed population dynamics, weed community composition, and weed-crop interactions, and b) to determine the influence of weed seed size and seedling emergence order on

responses to soil conditions. The associate will be responsible for developing and executing field, laboratory, and glasshouse experiments to meet project objectives. The successful candidate will possess a Ph.D. in Agronomy, Soil Science, Plant Ecology, Plant Pathology, Microbial Ecology, or related field with knowledge of plant biology and ecology. Ability to work in a team and excellent verbal and written communication skills is also required. The position is available September 2000

and will continue for a maximum of 3 years. Submit application materials, including a C.V., relevant publications, and names and contact information for three or more references, to: Matt Liebman, Department of Agronomy, Iowa State University, Ames, IA 50011-1010. For more information contact Matt Liebman (mliebman@iastate.edu) or Doug Buhler (buhler@nsl.gov).