NCWSS • News

North Central Weed Science Society

Vol 25, Number 2, Summer 2008

www.ncwss.org

► President's Comments	1
► Collegiate Weed Science Contes	t 2
► Call for papers	3
► What's New in The Industry	5
► Call for Nominations for 2008	
Distinguished Achivement	
Award	6
► Illustrated Taxonomy Manual	
Manual of Weed Seeds	6
► UNL Weed Science Web Site	
Update	7
▶ Dr. G. Kapusta	9
► People and Places	9
► Position Announcements	1



North Central Weed Science Society

Please send your articles for the Fall NCWSS Newsletter to Harlene Hatterman-Valenti by Sept. 15th Electronic Submission is preferred, send articles to h.hatterman.valenti@ndsu.edu

Presidents Comments - Bill Johnson

I hope everyone has finally dried out and was able to get their field research season kicked off. It has certainly been a challenge in the eastern cornbelt to get some of our locations planted and sprayed in a timely manner. My perception is that the wet spring weather persisted throughout much of the North Central Region.

I am looking forward to seeing many of you at the Weed Science Contest and Summer Board of Directors meeting in Carlyle, IL on August 13th and 14th. The Weed Science Contest is one of best things we do for our students and I hope many of you will give some thought to bringing an individual or two or a team to the contest. The contest is valuable not only

because the students learn a little bit of weed science, but they also get to begin networking with future colleagues, and they can share stories about their major advisors! You can register individuals or team and sign up to help at the contest by getting onto the NCWSS website and going to the "weed contest" link on the left hand side of the main page. I would like to extend my thanks to Bill Tarter and Greg Steckel of Alvey Ag Research for hosting the contest and the challenges they will provide to our students.

The 2008 NCWSS Annual Conference will be held in downtown Indianapolis at the Hyatt Regency Indianapolis Hotel

(<u>www.indianapolis.hyatt.com</u>) December 8 – 11, 2008. In addition to our conference, there

are a number of local attractions in Indianapolis including Indianapolis Motor Speedway, the NFL's Indianapolis Colts, the NBA's Indiana Pacers, Indianapolis Children's Museum, White River Gardens and State Park, and numerous downtown dining establishments. Mick Holm is the Program Chair for the 2008 NCWSS Annual Conference in Indianapolis and has prepared the call for papers in this issue of the newsletter. Mick and I were able meet with Ellen Jacquart and Kate Howe of the Nature Conservancy (Indiana Field Office) to visit the hotel and begin our discussion of a joint meeting with the Midwest Invasive Plant Network (MIPN) in Indianapolis this year. The MIPN leaders met shortly after this and have begun their planning process to bring information on invasive weeds to our annual conference. There has been some very nice discussion on topics for symposia that will make the meeting a "must attend".



Bill Johnson -President

In closing, I thought I would reprint an excerpt from an article written by

a previous NCWSS President for whom I have a great deal of respect. Dr. Jerry Doll is an emeritus Extension Weed Scientist at the University of Wisconsin. Over the early part of my career, I was always impressed with Jerry's energy, professionalism, and passion for is work. Jerry retired a couple of years ago, but is still active with invasive plant organizations. Here is what Jerry wrote that has resonated with me since I read it a few years ago:

"The NCWSS is what it is because we have a tradition of great people who stepped up, did more than expected and kept us afloat. That

tradition continues but is challenged. So I ask this question: are you willing and able to volunteer to help the NCWSS by serving as an officer, in a leadership role in committees, on the board? Many reading this have already said "yes" to this question and are in the thick of the consequences for your willingness to serve. Others are not able to say yes due to constraints mentioned above and others. But many of you have proven talent and vibrant energy and hope-fully you will find a way to say "yes" to the nominating committee, to next year's call for committee chairs and vice chairs. The society will be

enriched if you find a way to serve. And you will find the rewards that volunteerism brings." (excerpted from Summer 2006 NCWSS Newsletter "Ramblings from the Past...President – Jerry Doll.) This statement sums up what happens in many successful organizations. An organization is successful because people who are willing to go the extra mile, to be leaders, to move the organization forward. I hope you will give some thought to this and help us continue to move our society in the right direction.

I hope everyone has a great summer! ♦

2008 Collegiate Weed Science Contest - Alvey Agricultural Research

The 2008 NCWSS Summer Weed Contest is being hosted by Alvey Agricultural Research located near Carlyle, Illinois on August 13 and 14.

We are asking for your assistance with the various contest events. More information on volunteer duties can be found on the newss.org website under the weed contest link.

Volunteer forms can be found on the website and returned to Alvey Ag Research by June 10, 2008. All volunteers are asked to meet the day before the contest, August 13 at 1:30 p.m. to become familiar with specific roles.

We recently e-mailed an invitation to the colleges on our list. If you did

not receive an invitation, and would like to send a team please contact us.

Thanks in advance and we look forward to seeing you in August.

Greg Steckel Alvey Ag Research 19300 Marydale Rd. Carlyle, IL 62231 office: 618-594-7645 cell: 618-910-7174 fax: 618-594-7648





Call for Papers and Posters: Titles Due <u>September 5th</u> 63nd Annual Meeting of the North Central Weed Science Society Hyatt Regency, Indianapolis, Indiana

Message from the Program Chair – Mick Holm

This issue of the NCWSS Newsletter serves as the Call for Papers and Posters for the 2008 Annual Meeting of the North Central Weed Science Society. This is the only notice you will receive, so mark you calendar and submit the titles of your presentations by Friday, *September 5th*. Submissions received after *September 5th* may be placed in alternate sections, switched to the poster session, or rejected, depending on the availability of space in the sections. To make title submission more efficient and convenient, paper and poster titles must be submitted via the process described on the NCWSS website at this address: http://www.ncwss.org. We will have the title submission website open and available by July 15, 2008.

The program will begin Tuesday morning, December 9th, 2008, and conclude on Thursday afternoon, December 11th, 2008. I promise the Tuesday morning general session will be interesting and entertaining, so don't miss it this year. It will feature Tom Stohlgren, Director of the National Institute of Invasive Species Science, with a high energy discussion around invasive species shifts and climate change. The general session will also include a Washington Report from Lee Van Wychen and the Presidential Address. Symposia planned for the meeting will include Integrated Weed Management, a special Graduate Student educational session, What's New in the Industry and a featured symposium on Seed Traits. In addition, the NCWSS will be partnering with the Midwest Invasive Plant Network (MIPN) for a two day symposium. Symposia Chairs will be responsible for submitting invited speaker presentations. The volunteer paper and poster sections are listed below and directions are included for submission of papers and posters into these sections.

The 2008 program will again feature graduate student paper and poster contests and an undergraduate poster contest. Guidelines for the contests are found later in this article and at our website in the NCWSS Manual of Operating Procedures. We again look forward to top-quality presentations by the students.

Once again, all presentations will be submitted to the appropriate section chair about 7 to 10 days before the meeting. We tried this last year and most of you found it to be successful. So, paper presenters will need to be prepared to complete their presentations a bit earlier and have it sent to the appropriate program chair. Section chairs will bring the preloaded presentations to the meeting.

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

Mick Holm, Program Chair Mick.f.Holm@usa.dupont.com, 608-231-9961

Preparing to Submit Titles

Please follow these instructions when preparing your title(s). a) Decide whether the presentation is a poster, paper or invited symposia paper. b) 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. c) 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 or poster. Give the common names of weeds, herbicides, and crops. Follow these examples:

Efficacy of Rimsulfuron and Isoxaflutole Mixtures for Weed Control in Field Corn. Susan K. Rick*, Larry H. Hageman and Gregory R. Armel, DuPont Crop Protection, Wilmington, DE.

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

How to Submit Titles

All submissions must be via the NCWSS website at: http://www.ncwss.org. We will have the website open for submissions by July 1, 2008. Follow the instructions and fill out the forms completely. Submit each paper and poster separately, but submit individual papers and posters only once. The Program Chair will acknowledge receipt via an e-mail response. Please contact the Program Chair by phone or e-mail if you do not receive acknowledgement by September 15th, 2008.

Paper and Poster Section Chairs

Agronomic Crops I (Cereals, Sugar Beets, Dry Beans)

Patrick Geier - 785-625-3425 pgeier@ksu.edu

Agronomic Crops II (Corn, Sorghum)

Troy Klingaman - 217-586-6498 troy.klingaman@basf.com

Agronomic Crops III (Soybeans, Legumes, Forage and Range)

Kevin Bradley – 573-882-4039 bradleyke@missouri.edu

Equipment and Application Methods

Robert Klein – 308-696-6705 rklein1@unl.edu

Extension

Mike Moechnig – 605-688-4591 michael.moechnig@sdstate.edu

Herbicide Physiology

Vince Davis – 765-496-6690 davisv@purdue.edu

Invasive Weeds

Bob Masters – 317-337-4281 ramasters@dow.com

Forestry, Industrial, Turf and Aquatics

Mike Marshall - 517-355-5191 ext 784 mmarshall@msu.edu

Horticulture, Turf, and Ornamentals

Jed Colquhoun – 608-890-0980 colquhoun@wisc.edu

Weed Biology, Ecology and Management

Erin Hill – 517-355-0271 ext. 233 hiller12@msu.edu

Poster Session

Steve Sanborn – 608-235-3667 Stephen.sanborn@syngenta.com

Program Chair

Mick Holm - 608-231-9961 mick.f.holm@usa.dupont.com

Paper Presentations and Presentation Format

All papers will be presented with Power Point files on an LCD projector. Traditional slide projectors will not be available. Electronic presentations will be limited to Power Point programs and will need to be sent to the section chairs approximately 7 to 10 days prior to the meeting. Presentations are approximately 12 minutes long followed by one to two minutes for questions or comments. Contact the **Program Chair** if more time is needed. Abstracts of the paper and poster presentations will be published in the NCWSS Proceedings. Abstracts will be submitted electronically via e-mail prior to the meeting. 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

All posters will be set up on Monday and available for viewing on both Tuesday and Wednesday. All posters should be removed by 4:00 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 on the **Title Submission Form** via the NCWSS website. Additional details will be mailed to each poster session participant following title submission.

<u>Call for Sustaining Member and Sustaining Member Displays</u>

Contact the chair of the Industry Committee, Mike Leetch (515-360-0192 or mike.leetch@syngenta.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.

Graduate Student Paper Contest

Any graduate student who is registered at the NCWSS meeting and has conducted research while they were student in the North Central Region is eligible to compete, with the exception of those having won first place in a previous contest. Awards will be presented to the first and second place winners in the graduate student paper contest at the

banquet on Wednesday. Graduate students may enter the paper contest by checking the appropriate box when submitting the paper's title. Abstracts must be submitted electronically via e-mail prior to the meeting. A Call for Abstracts and **Instructions for Submitting Abstracts** will be sent to the corresponding authors by the Proceedings Editor after titles are submitted. The criteria for evaluation of presentations in the student contest can be found at the NCWSS website in the Manual of Operating Procedures (www.ncwss.org). The chair of the graduate student paper contest is John Hinz (515-733-9250 or john.hinz@bayercropscience.com).

Graduate Student Poster Contest

The graduate student poster contest is similar to the graduate student paper contest. Graduate students may enter the poster contest by checking the appropriate box when submitting the poster's title. Abstracts must be submitted electronically via e-mail prior to the meeting. Students should have copies of their poster available during the poster session. A Call for Abstracts and Instructions for Submitting Abstracts will be sent to the corresponding authors by the Proceedings Editor after titles are submitted. The criteria for evaluation of presentations can be found at the NCWSS website in the Manual of Operating Procedures (www.ncwss.org). Awards consist of certificates of achievement and monetary awards for first place and second place in each division. The chair of the graduate student poster contest is John Lindquist (402-472-2771 or ilindquist1@unl.edu).

Undergraduate Student Poster Contest

The NCWSS will sponsor an undergraduate poster contest at the annual meeting in Indianapolis. The purpose of this contest is to encourage undergraduate students who have conducted research in weed science to present their results to the society in poster format, and to gain experience and interact with other scientists and students. The contest will be held in conjunction with the Graduate Student Poster Contest, with the same rules and evaluation guidelines. The criteria for evaluation of presentations can be found at the NCWSS website in the Manual of Operating Procedures. Students should have a faculty sponsor who is a member of the NCWSS to provide guidance in poster preparation. Undergraduate students may enter the poster contest by checking the appropriate box when submitting the poster's title. Abstracts must be submitted electronically via e-mail prior to the meeting. A Call for Abstracts and Instructions for Submitting Abstracts will be sent to the corresponding authors by the Proceedings Editor after titles are submitted. Students should have copies of their poster available during the poster session. Awards consist of certificates of achievement and monetary awards for first and second place in each division. The chair of the Undergraduate student poster contest is Jess Spotanski (402-366-9230 or

jess spotanski@mainstaycomm.net). ♦

What's New In the Industry

This is an initial request to interested participants for the upcoming 'What's New in the Industry' session at the NCWSS in Indianapolis. This has been a popular session at previous conferences. If your organization would like a time slot on the program, please let me know and select a presenter to represent your organization. Please keep in mind our goal is to let industry members of the NCWSS update the society on product labels, organizational changes, acquisitions, etc. To that end, each presenter will be given 5 to 10 minutes, depending on the number of participants. We want the information to be useful and informative, yet succinct so the session can be kept moving. This session should not be used for extensive data presentation or extensive promotion of products, but rather as an opportunity to provide sound technically based information to assist in the proper

use and stewardship of your products. Thank you for your interest in this session at the NCWSS meeting. Please forward this information to your colleagues and let me know if your organization would like a time slot in the session.

Sincerely,

Terry Carmody terence.carmody@syngenta.com 605-371-9683



Call for Nominations for 2008 Distinguished Achievement

Each year we recognize the contributions of outstanding members through the Distinguished Achievement Awards. However, deserving candidates cannot receive the award unless they are nominated. Please take time to consider who you see as deserving individuals for one of our Distinguished Achievement Awards and either submit their nomination or contact someone else to encourage that he or she prepare the nomination. The process is simple and the rewards to the honorees are well worth the effort. The Society can present up to five Distinguished Achievement Awards each year from among the following categories:

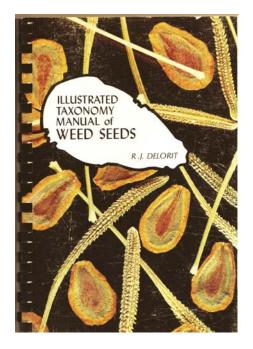
Research Industry Education Service Professional Staff Young Scientist

The nomination guidelines are the same for all categories of Achievement Awards and consist of four parts:

- 1) cover page
- 2) evaluation statement
- 3) brief curriculum vitae or similar document that gives information on:
 - degrees received
 - memberships in honorary and professional societies
 - honors and awards received
 - professional positions held
 - professional contributions during the last 10 years
- 4) three letters of support: one from the nominator and two from others

Details of the nomination process and eligibility of nominees can be found on page 27-28 of the NCWSS Manual of Operating Procedures available on our website: www.ncwss.org. Nominators need to initiate the process early to procure letters of support prior to the application deadline. Submissions of all nomination materials are due **September 15**, **2008**. Send completed nomination packages and any questions about our Distinguished Achievement Awards to:

Adrian Moses Syngenta Crop Protection PO Box 27 Gilbert, IA 50105 adrian.moses@syngenta.com 515-689-7451



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) or go to the NCWSS.org web page and order one today.

UNL Weed Science Web Site Updated, Features Added

http://weedscience.unl.edu

The UNL Weed Science Web site at http://weedscience.unl.edu has been redesigned to provide more services for users. (This is the same address as the previous site so existing bookmarks will still work.)

The new home page includes:

- A Current Topics section listing timely articles on weed management issues (Figure 1, Box 1).
- An easy to access collection of UNL and external weed science publications in PDF format (Figure 1, Box 2).
- Sortable herbicide efficacy tables from the 2008 Guide for Weed Management Guide (Figure 1, Box 3).

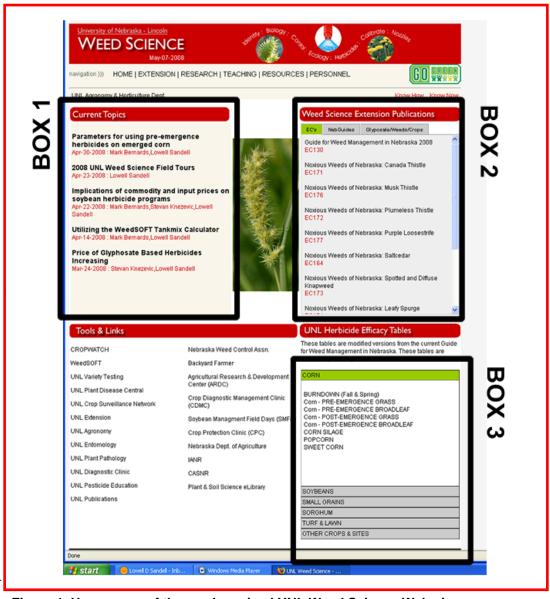


Figure 1. Home page of the newly revised UNL Weed Science Web site.

Using the Sortable Herbicide Efficacy Tables

The herbicide tables from the 2008 Guide for Weed Management have been formatted to allow the user to sort herbicide efficacy by weed species. When a user clicks on a weed species the table will reorder, placing herbicides with the highest efficacy for the selected species at the top and the lowest efficacy at the bottom (*Figure 2, Box 1*). Each time a user clicks on a different weed species, the table will reorder. The corn and turf tables are currently active. Tables for other crops will be activated as they are completed.

UNL Weed Science Web Site Updated, Features Added

http://weedscience.unl.edu

Annual UNL weed science research reports can be accessed by clicking on "research" in the navigation bar. This table of research reports can also be reordered by clicking on the column titles to improve searchability.

Links to other weed science resources have been updated on the "resources" page. This page provides quick access to herbicide label and MSDS information, weed identification resources, information on herbicide resistance and more.

Lowell Sandell Extension Educator, Weed Science

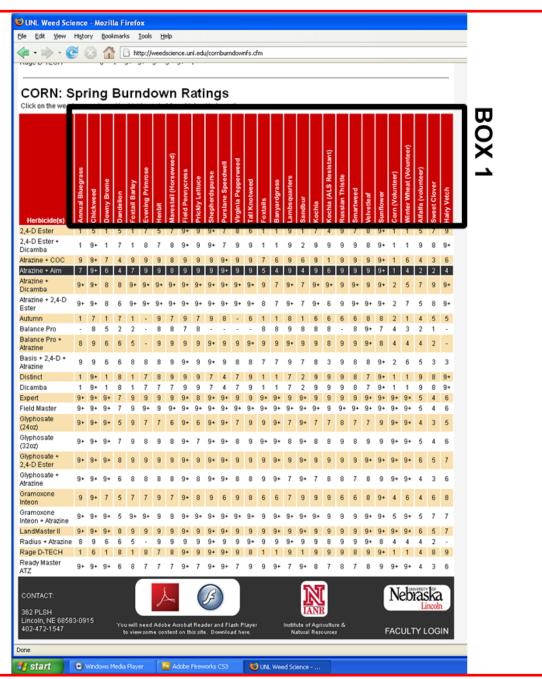
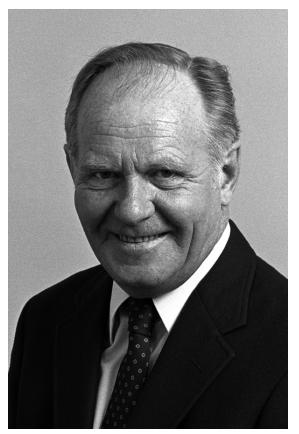


Figure 2. Users can select the weed they are most interested in controlling and the on-line table will reorder to show products in the order of their efficacy.

If you are a member of the North Central Weed Science Society and have an announcement that you would like to share with the society please send your announcement to Harlene Hatterman-Valenti [H.Hatterman.valenti@ndsu.edu]

Obituary for Dr. George Kapusta

Dr. George Kapusta, age 75 of Carbondale, IL, passed away March 31, 2008, at Memorial Hospital in Carbondale, Illinois. He was born November 20, 1932 in Max, North Dakota. He obtained his B.S. degree in Agronomy from the University of Minnesota in 1957. He served as an agronomist with North Dakota State University from 1958-1963 and as a Professor of Plant and Soil Sciences at Southern Illinois University from 1964 till his retirement in 1998. Dr. Kapusta taught plant science and weed control and had an extensive research program in field forage crop production and weed control. He trained 53 M.S. and Ph.D. students and published over 60 refereed journal articles. He also presented over 500 papers in Illinois, other U.S. States, and in Canada, Mexico, Brazil, Argentina, Zambia, Hungary, England, France, Belgium, and the Netherlands. He was an Honorary Member of the North Central Weed Science Society and a Fellow of the Weed Science Society of America. He also was an active member of the American Society of Agronomy for many years. Dr. Kapusta served as an Associate Editor of the Weed Technology journal and reviewed manuscripts for several other journals. Kapusta also established the Southern Illinois University Belleville Research Center in 1964 and served as its Superintendent until his retirement. He was instrumental in the development of no-till crop production starting with wheat at the Williston Research



Dr. George Kapusta

Center in North Dakota in 1958 and continuing with corn, soybeans, grain sorghum and sunflowers at Southern Illinois University. George Kapusta is survived by his wife Karen Kapusta and four children. Memorial donations can be sent to the 'George Kapusta Endowed Graduate Assistantship' in care of the SIU Foundation, 1235 Douglas Drive, Mail code 6805, Carbondale, IL, 62901 (618-453-2469). This endowed assistantship serves as a permanent testament to Dr. Kapusta's contribution to agriculture and supports excellence in recruitment and education of outstanding graduates.

People and Places

Honorable Mention:

Dr. Jerry Doll, emeritus professor at the University of Wisconsin-Madison, was named an Honorary Member of the Associacion Latino Americano de Malezas (ALAM) at the XVIII Congress of their association. The Congress was held in Ouro Preto, Brazil in May 2008 and was in conjunction with the XXVI Congress of the Brazilian Weed Science Society. Congratulations to Jerry for this recognition of his international contributions to weed science.

New Faculty:

Jeff Stachler

Jeff Stachler joined the Plant Sciences Department at North Dakota State University as an Assistant Professor in Weed Science in early May. He has an extension appointment with North Dakota State University and University of Minnesota specializing in sugarbeet weed science. Dr. Stachler received his B.S. from THE Ohio State University majoring in Agronomy in 1992, his M.S. from Michigan State University with a specialization in Weed Science in 1995 and his Ph.D. from THE Ohio State University specializing in Weed Science in 2008. He was raised on a diversified livestock and grain farm in Darke County, Ohio.

Graduates:

Yim F. So

M.S. in Natural Resources and Environmental

Sciences

Adivsor: Martin M. Williams II

Thesis: Significance of Sweet Corn (*Zea mays* L.) Canopy Architecture Variation to Interactions with

Wild-Proso Millet (*Panicum miliaceum* L.). **Current Position:** Biologist, USDA-ARS

Andy Westhoven

M.S. in Weed Science Advisor: Bill Johnson.

Thesis: Distribution, Biology, and Management of Glyphosate-Tolerant Common Lambsquarters.

Current Position: Andy still lives in the Lafayette, IN area and is now employed as a Regional Agronomist for AgriGolds Hybrids and his territory includes the northern half of Indiana and southwest Michigan. His responsibilities include hybrid evaluation, sales and service support, and agronomic teaching and education.

Other:

Larry Hammond has 25 Weed Technology and Weed Science journals from the year's 2000 to 2003. If interested, please contact Larry: 317-571-9442, 317-507-4358 Cell, 317-815-6693 Fax or email at

lhammond@indy.rr.com ♦

NCWSS

The NCWSS Newsletter is Edited by Harlene Hatterman-Valenti, arranged by Glenn Nice, and filled by the Membership of NCWSS

Position Announcements

Assistant Professor - Cropping Systems Agronomist at Michigan State University.

POSITION DECRIPTION: The Department of Crop and Soil Sciences invites applications for this 12-month, tenure track, Extension (60%), Research (25%) and Teaching (15%) position. The person in this position is expected to develop innovative research and education programs related to corn (grain and silage), soybean and wheat crop management systems in Michigan. An integrative approach to both extension and research is expected, working with multidisciplinary teams of research scientists, extension specialists, and stakeholders. The research should address key aspects of economically and environmentally sound integrated crop management systems. Primary emphasis will be on applied research and information transfer to clientele groups. The incumbent will be expected to develop a strong externally funded nationally recognized research program, publish in refereed journals, and train graduate students. The successful candidate also will provide oversight for the corn hybrid testing program and teach an undergraduate course in Advanced Crop Production.

QUALIFICATIONS: A Ph.D. in agronomy or a closely related field is required. Experience in applied research, extension, and teaching is desirable. Candidates should possess excellent communication skills and a demonstrated ability to work effectively with other researchers and clientele groups.

CLOSING DATE: The application deadline is June 15, 2008, or until a suitable candidate is identified.

APPLICATION PROCESS: Application instructions are available at: www.css.msu.edu/CroppingSystems.

FOR INFORMATION: Inquires about the position should be addressed to:

Dr. Christy Sprague, Search Committee Chair, sprague1@msu.edu, ph sprague1@msu.edu, pp sprague1">pp sprague1, pp sprague1, <a href="pp