

NCWSS *News*

North Central Weed Science Society

Volume 21, Number 1, Spring 2004

www.ncwss.org

In This Issue

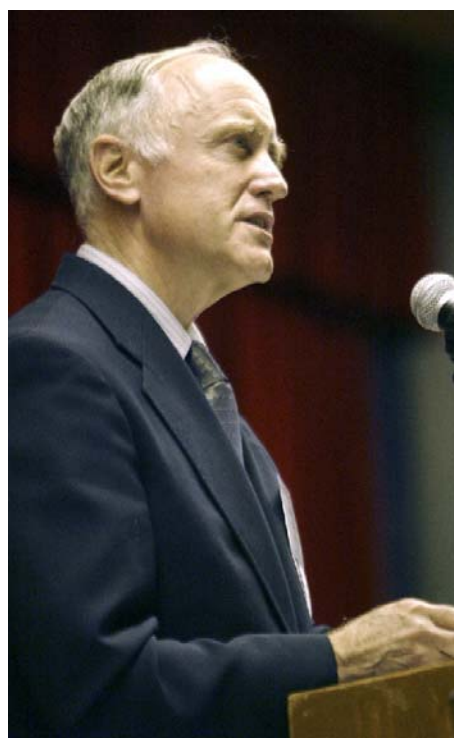
✿ From Your President	1
✿ 2003 NCWSS Presidential Address	3
✿ Presidential Thanks and Welcome Aboard.....	4
✿ NCWSS Weed Contest Announcement	4
✿ People and Places.....	4
✿ 2004 Officers.....	5
✿ 2004 State and Province Directors	5
✿ WSWS Meeting Announcement...	5
✿ 2003 General Session	6
✿ 2003 Distinguished Achievement Awards	7
✿ 2003 Fellow Awards	10
✿ 2003 Student Awards – Paper Contest.....	13
✿ 2003 Student Awards – Poster Contest.....	13
✿ National Jointed Goatgrass Research Program Extension Bulletins Announcement	15
✿ Illustrated Taxonomy Manual of Weed Seed.....	16



North Central
Weed Science Society

Please send your articles for the
Summer NCWSS Newsletter to Bill
Johnson by
May 15th
Electronic Submission is preferred,
send articles to
wgjohnso@purdue.edu

From Your 2004 President – *Jerry Doll*



Jerry Doll

others to attend and participate in our events. And everyone should give their great ideas for invited speakers and symposia to our 2004 Program chair, president elect Tom Peters, or one of the section chairs (all are listed on our web site, <http://www.ncwss.org/>). They and all the officers and committee chairs and members of the NCWSS for the year are found in this Newsletter.

2003 Conference

My reflections on our annual meeting in Louisville are that it was a very good meeting. Charlie Slack and the Local Arrangements team did an outstanding job of making sure everything was ready and ran smoothly the entire time. The general session speakers gave us new insights regarding the status of our discipline and challenges of how to address the changes and issues before us. The chairs of the symposia (Shawn Conley, Dean Riechers, Patrick Tranel, Adam Davis and Mathieu Ngouajio) did yeomen's work in organizing top notch agendas and the best presenters to bring us cutting edge results, realistic assessments and stimulating ideas on their timely topics. Students who participated in the paper and/or poster contests and those who judged their efforts always bring a special richness to our conference.

Greetings from headquarters. This office could be a power trip. Truth is that the power is in you: our members! You are in every part of our region, in public and private enterprises, as students and professionals, in research, marketing, outreach, development and more. I hope you take time to realize this and to be part of and promote the activities of our Society. This can be done in many ways. Those on the NCWSS Board of Directors or one or more of our many committees have their responsibilities defined and can interact to carve out new ventures. Those not on the board or committees can still help by volunteering at the summer contest, judging papers or posters at our Dec. Conference, by planning now to present a paper or poster in December, and by encouraging

Continued on Page 2

We did not have a specific theme for the 2003 Conference but if we had, “Weed Science at the Crossroads” would have been it. Many presentations recognized our problems and addressed the future with creative ideas. Special thanks go to Dirk Drost, Don Wyse (general session) and Dave Johnson (Industry breakfast) for insightful and challenging presentations. I consider these presentations to be the “bookends” around a program rich in ideas, results and information. If you were not able to attend, be sure and order and browse the 2003 NCWSS Proceedings.

Michael Horak deserves special accolades for skillfully guiding our society during his tenure as vice president, president elect and as our 2003 president. His efforts to document the way we function so that our “institutional knowledge” is not lost and to bring us more fully into the electronic era in terms of communication and membership data are already paying dividends. Plans for a major facelift for our web site were also set in motion so expect to see many changes as you visit our site this year. Send any comments on ways to make the site even better to our communications editor, Bill Johnson.

Health of the Society

Our blood pressure (financial status) is fine but we are losing weight (annual meeting attendance and overall NCWSS membership continue to drop). Particularly worrisome is the lack of new blood (a large decline in student presentations at last year’s Conference) and some skipped beats (some missing “regulars” who did not attend). Hopefully this is a temporary situation. Mergers and budget woes account for some of these realities. Beyond that, do we need to change the content, structure, dates, duration, focus, location or anything else of our meeting? These and bigger questions are being tackled by the Long Range Planning committee and the entire Board of Directors.

The NCWSS is coordinating an exercise among all regional weed science societies, the WSSA, and the branch societies of the American Society of Agronomy, the Entomological Society of America, and the American Phytopathological Society to think creatively about how we might combine forces in the future. Some discussions along this line have occurred in most of these societies and now we want to spark an inter-society discussion. Many feel we have tossed around ideas and possibilities long enough. It’s time to decide how and when we will change our services, affiliations, annual meeting and more.

Any major changes in the annual conference will take time; we have signed contracts with hotels for through 2006 so we know when and where we’ll meet. We are pondering directions and exploring ideas of what, if anything, other changes we might make in the near term and assessing what more significant changes we wish to take in 2007 or beyond. You will have ample opportunity to weigh in on any and all proposed changes. Change needs to be based on an as accurate read of the future that we can get; Larry Turner quoted Thomas D. Clark (the State Historian for Kentucky) at the symposium on the Future of Weed Science Extension, who said, “We have a lot of history but we have a lot of future coming up, too.” We need to do what we can to prepare for what lies ahead.

One area of our society that will change sooner rather than later is the summer weed science contest. The immediate change is that the University of Minnesota will go down in history as the first Midwestern university to host the contest. It will be at their Waseca Research Station on July 20. If you can lend a hand with the summer contest, contact Bev Durgan or Kevin Cavanaugh, co-chairs of the 2004 contest. The format and components of the contest will be essentially as in past years.

Several members are working on significant changes in the components of the contest for 2005 and beyond. It has retained the same areas of competition since created 20 years ago. Our science has changed and it’s time for the contest to reflect this. Your ideas are always welcome. You can easily submit them via the weed science contest survey on the home page of our web site or by contacting Christy Sprague, chair of the resident education committee (spraguel@msu.edu; 517 353-0271). Students’ suggestions are particularly encouraged.

Closing comments.

The year is progressing rapidly. I will do my best to guide the society through the known events on the calendar and to help us plan for the future. For those already on the board of directors and committees, your efforts are much appreciated. For others, you are only an email or a phone call away from a board member or committee chair who will gladly hear your concerns, suggestions and offers to help. President elect Tom Peters, vice president Steve Miller and I stand ready to help as best we can.

Yours for a successful year,
Jerry Doll, President ❁

2003 NCWSS PRESIDENTIAL ADDRESS.

Michael J. Horak

Welcome to the 58th annual meeting of the North Central Weed Science Society. The annual meeting is the highlight of the year for the society where we can come together and exchange scientific information, as well as renew old friendships and make new acquaintances. The meeting also is the culmination of a lot of hard work by the local arrangements committee and the program chair. I want to extend a special thank you this year to the local arrangements chair, Charlie Slack, and to program chair and President Elect, Jerry Doll for the great job they have done preparing for this meeting. The meeting this year has an exciting program and the facilities, as usual, should be excellent.

It was about 18 years ago that I attended my first NCWSS meeting just after I had moved to Illinois to pursue a Ph.D. I was impressed (and a bit intimidated) by the meeting program, the high-quality presentations and the varied research presented. At that time, I would never have imagined that I would have served in the role of president of the society. Much about the society has changed in the last 18 years but the fundamental purposes have remained the same: 1) To facilitate an exchange of ideas, experience, opinions, and information; and 2) To discuss and plan means of securing more adequate weed management through a coordinated effort on weed research, education and control of weeds.

I believe the North Central Weed Science Society continues to be a strong society. As we all know, there have been profound changes and challenges in Weed Science in industry, academics, government and private business. The Society, although smaller than a few years ago, has adapted and will continue to adapt to meet the needs of our membership and provide a high quality meeting experience.

I will now highlight some of the activities of the society over the last year, some of which are very visible and others that occurred “behind the scenes”. As you have no doubt noticed, the Society newsletter is now available on the NCWSS web site and notification is e-mailed to our members. This change has resulted in considerable cost saving to our society while providing a high-quality communications venue. In addition changes and improvements are being made to the web site to make it more useful to members or those interested in the society. In the future, we will likely have meeting and

society registration through the web page adding additional convenience for our members. I acknowledge and thank Bill Johnson and Glenn Nice for leading the efforts in these areas.

Another important development in our society is in regards to the NCWSS collegiate contest. In 2004, the University of Minnesota will host the contest. This is the first time that a University will host the NCWSS contest. This welcome change has been in part mandated by consolidation in industry with fewer companies able to host the contest. Yesterday, the board heard discussion and recommendations about the contest from the industry committee and the resident education committee. I know that the contest is important to all members of the society and if you desire to provide input or learn more about what is being proposed, I encourage you to attend the resident education committee meeting.

Several administrative changes have been made this year as well. The executive board spent considerable time at the summer meeting updating the Manual of Operating procedures. The MOP, as it is known, is available on the web and contains much of the information regarding the responsibilities and processes of the society and its members, committees and officers. I encourage you to take a look at this important document. In addition the local office has developed and implemented a long planned e-mail and address data-base for better and more timely communication with our members. The data-base is for the use of our members for committee and

other society business. One administrative change that affects most officers and committee chairs is the need to maintain a record of the processes of a particular office beyond what is recorded in the Manual of Operating procedures. With changes in society membership, the need to retain our institutional knowledge is essential.

I want to encourage all members to become involved with the workings of the society through committee participation. This year, at this meeting, all committees will meet and are looking for new members. I also want to acknowledge all those who have served on committees and contributed their time and effort to the society. The society is here to serve its members, but certainly cannot function without the many volunteer services of its members. It's also important to remember that every

Continued on Page 4



Michael Horak – Presidential Address

2003 Presidential Address – Michael

Horak, continued from page 2

member's opinion is important. I would encourage everyone to provide input to the board members on how the North Central Weed Science Society can be improved in the future.

In regards to the Society's financial outlook, changes implemented last year have placed us on a good footing and with continued adjustment we will have the ability

and flexibility that we need to run the society. Please see the Secretary Treasurer, J.D. Green if you have any questions or suggestions.

It's been an honor to serve as President of this society during the past year. I look forward to participating in the North Central Weed Science Society in the future. ★

Thanks and Welcome Aboard

A special thanks to retiring board members:

- Dallas Peterson as past president
- Jim Martin, CAST Representative
- State directors Jim Daniel (CO), Dan Childs (IN), Michael Barrett (KY), Tom Peters (MO) and Darrell Deneke (SD).

And a warm welcome to new board members:

- Stephen Miller, vice president
- Kassim Al-Khatib, CAST representative
- State Directors Brien W. Henry (CO), Helen Flanigan (IN), Glen Murphy (KY), Dennis Belcher (MO) and Dave Vos (SD).

People and Places

Bob Kremer

USDA-ARS Microbiologist and Professor of Soil Science at the University of Missouri became a Fellow of the American Society of Agronomy at the ASA-CSSA-SSSA annual meetings in November 2003. Bob has been active in several North Central Weed Science Society committees and was awarded the NCWSS research award in 1999.

Douglas Buhler

Douglas Buhler (Michigan State University) was named a fellow in the Crop Science Soc. of America in recognition of his achievements and service to the community. Doug's research focuses on the ecological and environmental aspects of weed management systems. He is both a fellow and past president of NCWSS.

The University of Minnesota will host the 2004 North Central Weed Science Society Weed Contest (NCWSS).

The Contest will be held **Monday July 19 and Tuesday, July 20, 2004** at the University of Minnesota - Southern Research and Outreach Center in Waseca, Minnesota.

Registration for teams and coaches begins at 4:30 pm July 19th at the Research and Outreach Center. A cookout will be held at the Center from 5:00 to 7:00 pm. At 6:30 p.m. there will be a short program with introductions and contest coordination.

The contest will begin at 8:00 am on July 20, 2004.

The NCWSS website has additional details. For additional information on the contest please contact Bev Durgan (email: durga001@umn.edu) or Kevin Cavanaugh (email: cavan008@.umn.edu).

Recent Graduations:

Thomas Hartberg Completed his masters degree in weed science at the University of Wisconsin in early 2004. Tom began his program with the late Dr. R. Gordon Harvey and completed it under the direction of Jerry Doll and Larry Binning. His thesis title is "Quackgrass and common dandelion control in established alfalfa with imazethapyr." Tom works at AgStat, an independent research and consulting company in Verona, Wisconsin and serves as the Wisconsin Director on the NCWSS Board.



2004 NCWSS Officers

Top left to right:

Kassim Al-Katib (CAST Rep.), J.D. Green (Secretary-Treasurer), Bill Johnson (Communications Editor), Roger Becker (WSSA Rep.), Brian Young (Research Report Editor), and Robert Schmidt (Executive Secretary)

Bottom left to right:

Stephen Miller (Vice President), Jerry Doll (President), Tom Peters (President-Elect), Michael Horak (Past President)
Absent: Bob Hartzler (Proceedings Editor)



The passing of 'The Chair' to the new president
–Michael Horak (2003) and Jerry Doll (2004)

2004 NCWSS State and Province Directors

Colorado – Brien Henry
Illinois – Joe Bruce
Iowa – Kristine Schaefer
Kansas – Curtis Thompson
Kentucky – Glen Murphy
Michigan – Karen Renner
Minnesota – Tom Rabaey
Missouri – Dennis Belcher
Nebraska – Wayne Fithian
North Dakota – Kirk Howatt
Ohio – Brad Miller
Oklahoma – Case Medlin
Ontario – Peter Sikkema
South Dakota – Dave Vos
Wisconsin – Tom Hartberg
Wyoming – Craig Alford

Directors at Large

Extension – Dawn Nordby
Graduate Students – Bradley Fronning
Industry – Kevin Thorsness
Research and Publications – Michael Croster
Resident Education – Christy Sprague

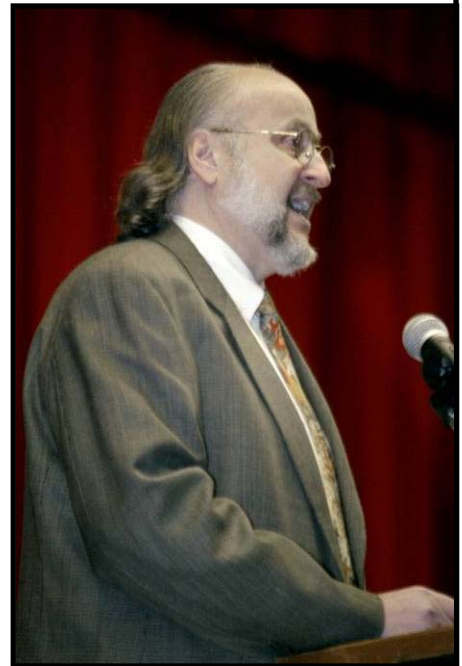
For a list of committees and the people who are serving on them please refer to the NCWSS web page

www.ncwss.org



Dirk Drost – Syngenta Crop Protection “Future Opportunities in Weed Science: My Views”

Don Wyse – University of Minnesota “It’s Sexy. It’s Safe. Everybody Wants to do it”



John Asher – Communications Director for Churchill Downs “The Most Exciting Two Minutes In Sports: What It Means To The Thoroughbred Industry”

Rob Hedberg - Science Policy Director “I am not a Real Weed Scientist, But I Play One in DC.”

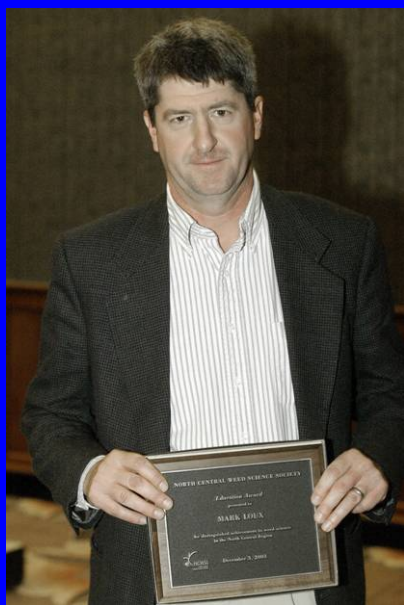


2003 General Session

2003 NCWSS Distinguished Achievement Awards

Education - Mark Loux

Mark M. Loux was born and raised in Wilmington, Delaware. He attended the University of Delaware, receiving a B.S. in Plant Science in 1981. He obtained his M.S. in 1985, and his PhD in 1988 in Agronomy from the University of Illinois with an emphasis in weed science. Dr. Loux is currently an associate professor and extension specialist in weed science in the Department of Horticulture and Crop Science at The Ohio State University.



Mark Loux

Dr. Loux is responsible for weed science research and extension programs in soybeans, corn, wheat, and forages in Ohio. He has developed a highly effective research-based extension program using a variety of delivery techniques. He is in high demand as a speaker at extension and agribusiness programs in Ohio, and has been invited to make numerous presentations in surrounding states, and also in

Canada, England and Hungary. Dr. Loux developed and is currently a co-author of the OSU extension publication, Weed Control Guide for Ohio Field Crops. He is an active contributor to the C.O.R.N. newsletter, a primary delivery tool for extension specialists on the OSU Agronomic Crops Team. Dr. Loux has pioneered the use of innovative delivery methods and programs in Ohio. He developed a one-day, comprehensive weed management workshop that served as a model for similar OSU workshops in other aspects of crop production. He has taught weed science courses at off-campus locations in Ohio, and used video-conferencing to teach a workshop-style course in weed science.

Dr. Loux has been active in the North Central Weed Science Society, serving at various times as member of the NCWSS board, newsletter editor, chair of the local arrangements committee, and on several other committees. He was recognized with the OSU Extension State Personnel Service Award in 1991 and the Gamma Sigma Delta Extension Award of Honorary Member of the Ohio Association of Independent Crop Consultants in 2001.

Industry-Kenneth Carlson

Ken Carlson is a native of Topeka, Kansas. Growing up, he spent many summers on his grandfather's farm near Junction City. He received his B.S. degree in Agronomy from Kansas State University in 1979. Upon

completion of his degree he was employed by Monsanto Agricultural Products Company as a Field Sales Representative in South Central Nebraska for three years. During this time he was exposed to field research and development activities, and gained an interest in that area. Ken furthered his education by receiving his M.S. degree in Agronomy (Weed Science) from the University of Nebraska in 1983 under the direction of Dr. Orvin Burnside.

Over the next 17 years Ken was employed by American



Kenneth Carlson

Cyanamid Company conducting agricultural field research, while living in both Kansas and Nebraska. During this tenure he conducted and supervised research in Kansas, Nebraska, Oklahoma, and South Dakota. In 1994 Ken was promoted to Senior Field Agriculturist. During his career with American Cyanamid Ken worked with herbicides, insecticides, fungicides, plant

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2003 NCWSS Distinguished Achievement Awards

growth regulators, and various seed genetics projects. Ken has been involved in the development and commercialization of several imidazolinone herbicides including Pursuit, Scepter, Lightning, Raptor, and Assert. He played a key role in the development and marketing of Plateau herbicide for use in rangeland, pasture, CRP, prairie renovation and restoration. Ken provided field research that was essential in defining the corn injury interaction with Counter 15G and Counter 20CR insecticides with various postemergence corn herbicides. During his tenure with American Cyanamid Ken was also responsible for supervising and training three post-graduate interns. Ken continued his field research and development duties in Nebraska and Kansas as a Senior Field Biologist with BASF Corporation after their acquisition of American Cyanamid in 2000. In this position he assisted key seed industry and university researchers in the development of the Clearfield winter wheat herbicide program for the Great Plains. One year ago Ken took on a new position as Senior Field Agronomist with BASF Plant Sciences. In his current position Ken acts as the field representative for BASF Plant Sciences in the western corn belt. Ken has been an active member of the NCWSS since 1983. His contributions to the NCWSS include serving as state director from Nebraska, chairing the Membership Committee twice, and chairing the Fellow Committee. During his tenure on the Fellow Committee

he rewrote the nominating procedure for the Fellow award. Ken has on several occasions been the Forage and Range Section Chair and has also served on various other committees within NCWSS. Ken enjoys interacting with university researchers, industry peers, and graduate students. As part of his continuing commitment to education he has acted as judge for the Graduate student paper and poster contest on several occasions, and has also assisted in hosting the Summer Weed Contest.

Ken has been married for 24 years to his loving wife Brenda. They have two sons Ryan and Kyle.

Industry-Daniel E. Schroeder

Dan Schroeder's contributions to weed science include nearly 30 years of graduate and professional research, product development, education and leadership. His research interest began in graduate school at Southern Illinois

University with Dr. Jim Tweedy, studying control of honeyvine milkweed with glyphosate. His industry career included research and development work with herbicides, formulation technologies and transgenic crops.

Dan is a native of Southern Illinois, growing up on a crop and livestock farm near St. Louis. He obtained a B.S. in Plant Industries and M.S. in Plant and Soil Science from Southern Illinois University. His professional career began in 1974 with Chemagro (now Bayer) in Technical Service for Illinois

and Kentucky where he conducted field research and provided technical support for sales and marketing, participating in the introduction of Sencor herbicide. Dan's career at Monsanto spanned from 1979 until his retirement in 2003. His roles encompassed field research and development, product management and sales support. He directly managed or participated in the development and introduction of herbicide products including Micro-Tech, Permit, Harness, Degree and



Daniel E. Schroeder

numerous Roundup brands. He participated in development of microencapsulated herbicide formulations, improved sprayer and bulk handling equipment and innovative granular herbicide storage, delivery and application methods. Dan was an integral contributor to the introduction of transgenic crops and conducted some of the initial field development work with Roundup Ready Soybeans, Roundup Ready

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2003 NCWSS Distinguished Achievement Awards

Corn, YieldGard Corn Borer and YieldGard Corn Rootworm. In 1982, Dan received Monsanto's highest and most prestigious honor for excellence in product development: the Monsanto Distinguished Development Award.

Dan has been a contributor to the North Central Weed Science Society throughout his career participating as a judge for the Graduate Student Paper Contest, Collegiate Weed Science Contest and on numerous local arrangement committees. Dan has served as coach, mentor and teacher for new and experienced employees at Monsanto as well as for college students working in the discipline of weed science.

Professional Staff - Andrew Chomas

Mr. Andrew J. Chomas is a native of Pinconning, Michigan and was raised on a crop and livestock farm. He obtained his B.S. degree in Crop and Soil Sciences in 1988 and his M.S. degree in Weed

Science in 1996 at Michigan State University. He has been a Research Technician in the Department of Crop and Soil Sciences at Michigan State University and a member of the North Central Weed Science Society since 1990.

Mr. Chomas has conducted over 20 field experiments each year since 1990. His versatility has enabled him to successfully execute field and greenhouse research across a wide range of cropping systems including corn, small grains, and alfalfa. He has

continually innovated and introduced new processes into the program to increase its efficiency and impact.

Mr. Chomas is an educator in addition to a researcher. Several graduate and undergraduate students have learned field research techniques, project management, and basic agricultural production skills working with Mr. Chomas. He has helped prepare numerous individuals for successful careers within weed science and the



Andrew Chomas

broader agricultural industry.

Mr. Chomas presented several papers at annual meetings of the North Central Weed Science Society and the Weed Science Society of America. He has made numerous presentations to farmers and farm advisors over the last 12 years. In addition, he took the lead in the major revisions and expansion of a very popular weed identification publication entitled "Common Weed Seedlings of the North Central States". Over 20,000

copies of this publication have been printed and distributed throughout the U.S. and Canada. This publication was selected for a Certificate of Excellence from the American Society of Agronomy in 1999.

Professional Staff - Jeffrey Stachler

Jeff Stachler was born in Marion, Ohio, and raised on a diversified farm near Rossburg, Ohio.



Jeff Stachler

He attended The Ohio State University, receiving a B.S. in Agronomy in 1992. He obtained his M.S. in Crop and Soil Sciences at Michigan State University with an emphasis in weed science in 1995. Following a brief period of employment as a field biologist with Monsanto, he joined the Department of Horticulture and Crop Science OSU as an Extension Associate in 1995. Mr. Stachler is currently classified as a program specialist in weed

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2003 NCWSS Fellow Awards

science, and has both extension and resident instruction responsibilities.

Mr. Stachler is highly regarded for his enthusiasm and skills as an educator by his fellow weed scientists at OSU, extension clientele, and students that he teaches and mentors. He makes numerous presentations on weed management and identification in Ohio each year, and has been an invited speaker at meetings and workshops in Indiana and Michigan. He is a co-author of the OSU Weed Control Guide and the author or co-author of numerous other extension publications, proceedings articles, and the OSU C.O.R.N. newsletter each year. Mr. Stachler has spent considerable time over the past five years assessing herbicide resistance in weed populations in Ohio and Indiana. As a result, OSU weed scientists have been able to provide producers with accurate information to manage herbicide-resistant weed populations. In the area of teaching, Mr. Stachler coordinates the lab for the undergraduate weed science course and teaches the lab up to twice per year. His students consistently rate him as an outstanding instructor. Since 1998, he has been the coach of the Ohio State Weed Science team, and under his coaching, an undergraduate team from OSU has won the North Central Collegiate Weed Science Contest for the last three years.

Mr. Stachler views service as an essential and rewarding part of his professional and personal life. He has been active in the North Central Weed Science

Society, serving as chair of the Extension and Herbicide Resistance Committees. He is active in a number of organizations including alumni and producers associations, and has been lead judge for the Ohio FFA Science Fair for the past three years. Mr. Stachler's dedication and enthusiasm for his work set an example for his students and co-workers.

Fellow- Karen Ann Renner



Karen Ann Renner

Karen A. Renner has served as a research/extension specialist at Michigan State University since 1986. Dr Renner is recognized regionally and nationally as an expert in the areas of weed management in sugarbeets and weed seed fate in soil. She has authored or co-authored 41 papers in Weed Science and Weed Technology. Dr. Renner has been major professor for 23 graduate students and co-advisor for one. These students have all established

successful careers in weed science or related fields. Five currently hold faculty positions at U.S. universities, five are employed in the agrichemical industry, two are commercial farmers and five are consultants.

Dr. Renner has been an active member of the North Central Weed Science Society for 20 years. She has authored or co-authored 82 papers at NCWSS meetings, served two terms on the Board of Directors and served on numerous committees including Nominating, NCR Publications and Career Placement. She has served as Section Chair for Extension, Weed Biology and Ecology, Soybeans and twice for Sugarbeets and Horticultural crops. She has also actively served the Weed Science Society of America as Associate Editor for Weed Science and as a reviewer for Weed Technology.

Fellow - Charles Slack

Charles H. Slack has been a Research Specialist at the University of Kentucky for 38 years. During this period of time he has maintained a very active program for screening herbicides and evaluating weed management practices in field crops. His research efforts not only benefit the crop producers of Kentucky but also producers in surrounding states. Mr. Slack is widely recognized for his knowledge and expertise in weed management

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2003 NCWSS Awards and Recognition

issues and has received the Chancellor's Outstanding Staff Award at the University of Kentucky, the North Central Weed Science Society Distinguished Achievement Award for Research as well as invitations to Argentina and the Dominican Republic to share this expertise.



Charles Slack

Mr. Slack has been an active and dedicated member of NCWSS for nearly 30 years. His contributions to NCWSS are substantial and include serving two terms on the NCWSS Board of Directors as Kentucky's representative, Chair of the Nominating Committee, Chair of the Future Site Selection Committee, and twice serving as Chair of the Local Arrangements Committee. In addition, Mr. Slack has developed a close working relationship with the Hyatt Hotel group, which has resulted in substantial benefit to the NCWSS in the form of room rates, facilities and scholarships.

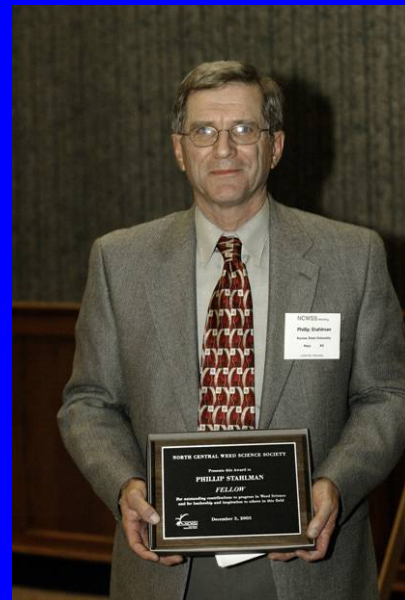
Fellow - Phillip Stahlman

Phillip W. Stahlman currently serves as Professor and Senior Weed Scientist at the Kansas State University Agricultural Research Center-Hays. Prior to moving to Hays in 1976 Dr. Stahlman served as Superintendent at the Harvey County Experiment Field near Hesston, KS and as Assistant Agronomist at the North Central Branch Experiment Station near Minot, ND. Dr. Stahlman has been actively involved in research for over 30 years and has authored or co-authored one book Chapter, 31 refereed journal articles, 9

proceedings papers, 141 scientific abstracts, 121 research reports, 28 extension bulletins and served as major professor for one PhD and four MS students. Dr. Stahlman's research program has focused on

integrated weed management, benefit and risk assessment in herbicide tolerant crops, weed spectrum shifts, crop-weed interactions and herbicide evaluation in wheat, sorghum, sunflower, corn and fallow. Dr. Stahlman has been active in the North Central Weed Science Society for over 30 years serving on the Boards of Directors and 15 standing committees, several of which he chaired. Dr. Stahlman received a Distinguished Achievement Award for Research for the Society in 1995. Dr. Stahlman also actively participated in the Weed Science Society of America and currently serves as president-elect

of the Western Society of Weed Science. In addition, Dr. Stahlman has served as an Associate Editor of Weed Technology and received the Outstanding Weed Scientist Award from WSWS in 2001.



Phillip Stahlman

**2004 NCWSS
Annual Meeting
December
13-16
Columbus, OH**

The NCWSS Newsletters are designed by Glenn Nice, edited by Bill Johnson, and filled by the members of NCWSS



Special Recognition

Left to right: Bob Schmidt (Executive Secretary) and Michael Horak (2003 President)

Special recognition goes to Bob Schmidt for many years of service as NCWSS Executive Secretary.

The Passing of the Gavel

Left to right: Jerry Doll (2004 President) and Michael Horak (2003 President)

The tradition of passing the gavel from the past president to the new president.



The 2003 Banquet

2003 NCWSS Student Awards – Paper Contest

There were 28 participants in the Graduate Student Paper Contest. The entries were separated into three divisions based on subject matter. All papers were evaluated based on content, development, analysis, and presentation.



Paper Section I

From left to right:

First Place: “*Sensitivity of Mat-Forming Cyanobacteria to a Potential Biological Control Agent, Bacterium SG-3*” Kathryn J. Wilkinson*, H. Lynn Walker, and Carole A. Lembi, Purdue University, and Louisiana Tech University.

Second Place Tie: “*Weed Behavior Following Loss of Apical Dominance*” Hank J. Mager*, Bryan G. Young, John E. Preece, and Joseph L. Matthews. Southern Illinois University.

and “*Annual Weed Emergence and Seed Production at Four Sowing Times in Corn*” Kathrin Schirmacher* and J. Anita Dille, Kansas State University

Paper Section II

From left to right:

First Place: “*Simulated Drift of Glyphosate and Imazamox on Winter Wheat*” Zach Deeds*, Dallas Peterson, Kassim Al-Khatib, and Phillip Stahlman. Kansas State University

Second Place: “*Effect of Application Timing on Wild Oat Control With Eight Herbicides*” Craig M. Alford*, Roger M. Hybner, and Stephen D. Miller. University of Wyoming.



Paper Section III

From left to right:

First Place: “*Glyphosate Resistant Horseweed (*Conyza canadensis*) Control in No-tillage Soybeans*” Vince M. Davis*, William G. Johnson, Jeffery W. Barnes, and Kevin D. Gibson. Purdue University.

Second Place: “*Effect of Timing on Fall Applied Herbicides*” Ryan F. Hasty*, Christy L. Sprague, Aaron G. Hager, and Bill Simmons. University of Illinois.



2003 NCWSS Student Awards - Poster Contest



Graduate Student Poster Contest Section I

From left to right

First Place: *“Effect of Tillage on Common Waterhemp Emergence and Vertical distribution of Seed in the Soil”* Dawn E. Nordby*, University of Illinois, and Robert G. Hartzler, Iowa State University.

Second Place: *“Independent Responses of Soybean Early Growth To Stresses Caused by Soybean Cyst Nematode and Postemergence Herbicide Applications”* Ramon G. Leon*, and Micheal D. Owen, Iowa State University.



Graduate Student Poster Contest Section II

From left to right

First Place: *“Physiological Basis for Glyphosate Resistance in Rigid Ryegrass”* Marulak Simarmata* and Donald Penner, Michigan State University.

Second Place: *“Understanding the Mechanisms of Manganese Fertilizer Antagonism of glyphosate Activity”* Mark L. Bernards*, Kurt D. Thelen, Donald Penner, Rajendra B. Muthukumaran, and John L. McCracken, Michigan State University.



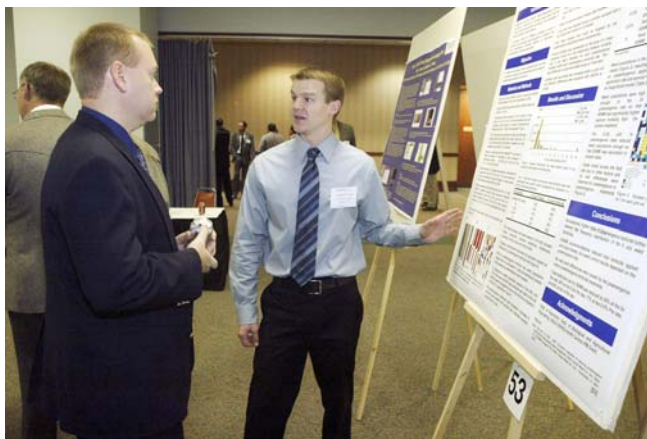
Undergraduate Student Poster Contest

From left to right

First Place: *“Susceptibility of Naturalized Sericea lespedeza in the Kansas Flint Hills to Infection by the Root-Knot Nematode, Meloidogyne incognita”* Shannon L. Jordan*, Timothy C. Todd, and Walter H. Fick, Kansas State University.

Second Place: *“A Comparison of Weed Control Programs in Glyphosate Resistant Soybean”* Terry J. Schulz*, and Karen A. Renner, Michigan State University.

The Hyatt Regency Hotels Provides a free room each year to individuals who receive 1st place undergraduate individual in the NCWSS Weed Science Contest. In 2003 Eric Ott, Purdue University, and Curtis Sherder, University of Missouri, tied for 1st place honors.



Thank you to all who participated in the Graduate and Undergraduate Paper and Poster Contests

New National Jointed Goatgrass Research Program Extension Bulletins

The National Jointed Goatgrass Research Program recently released two extension bulletins titled 'Jointed Goatgrass: Introduction' and 'Jointed Goatgrass: Ecology'. The publications are available through participating state extension offices or as an electronic copy viewed from the PUBLICATIONS section on the program website located at

www.jointedgoatgrass.org These bulletins are the first two of a series of nine to be released over the next several years. The 'Jointed Goatgrass: Genetics' and 'Jointed Goatgrass: Control Tactics' bulletins are scheduled for release in Summer 2004.

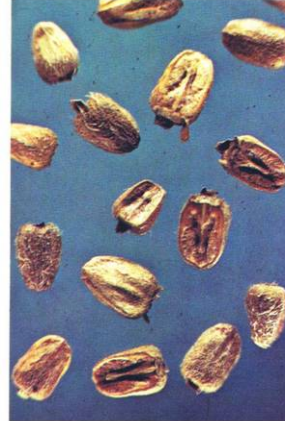
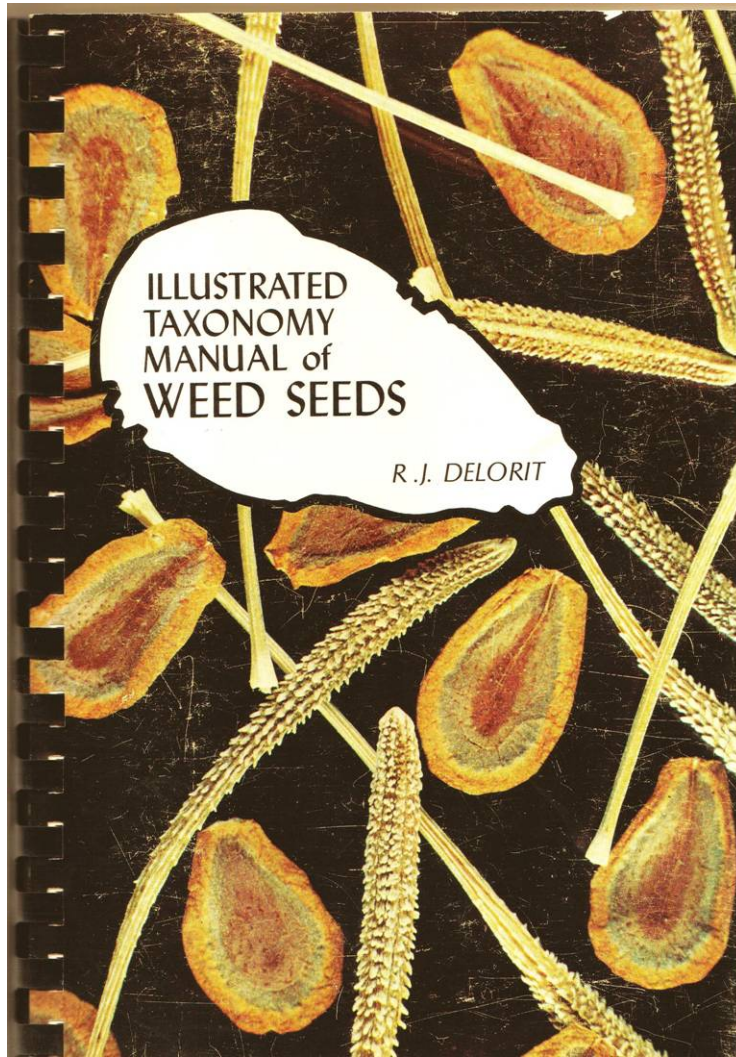
The National Jointed Goatgrass Research Program in FY 1994 initiated an integrated, multidisciplinary effort involving 11 states and 35 state and federal scientists through a CSREES special grant. Participating states include: Colorado, Idaho, Kansas, Montana, Nebraska, Oklahoma, Oregon, Texas, Utah, Washington, and Wyoming. Projects focus on individual management practices, certain aspects of jointed goatgrass biology and ecology, and various components of technology transfer. The goal of the program is to ensure that producers have the best and most recent information possible to successfully manage jointed goatgrass in winter wheat.

For more information on the National Jointed Goatgrass Research Program please visit their website at

www.jointedgoatgrass.org or contact Dr. Tony White, National Extension Coordinator, at twhite@ksu.edu or 785-625-3425 Ext. 522.

Illustrated Taxonomy Manual of Weed Seed

R. J. Delorit



Poor Joe 3.6X
Dioda teres



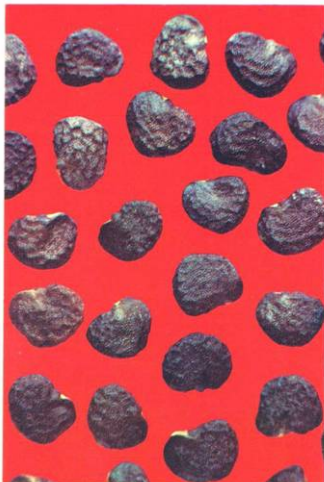
Bedstraw 3.6X
Galium aparine

Weed Seed ID Gem

The NCWSS holds one of the jewels of weed seed identification.

The "Illustrated Taxonomy of Weed Seeds contains 192 species in 40 plant families common (and not so common) throughout the Midwest. The illustrations are excellent color photographs of seeds magnified two to six times and are accompanied by a detailed and easy-to-use taxonomic key. Anyone doing weed seed bank work, those participating in crop and weed science contests, instructors of weed science courses, personnel in certified seed laboratories, and anyone with an interest in weed seed identification should have this unique book.

It is available from the North Central Weed Science Society, 1508 W. University Ave., Champaign, IL 61821-333. Single copies are \$20 (includes shipping).



Jimson Weed 3.6X
Datura stramonium



Buffalo Bur 3.6X
Solanum rostratum