

North Central Weed Science Society
Summaries of Committee Reports
December 1998

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Executive Secretary's Report

Robert Schmidt

Membership as of September 30

	1998	1997	1996	1995	1994
Members	756	792	761	742	703
Students	<u>124</u>	<u>117</u>	<u>91</u>	<u>94</u>	<u>86</u>
Total	880	909	852	836	789

Annual Meeting preregistration

	1998	1997	1996	1995	1994
	St. Paul	Louisville	St. Louis	Omaha	Grand
Members	362	354	449	446	396
Students	<u>80</u>	<u>76</u>	<u>80</u>	<u>68</u>	<u>62</u>
Total preregistered	442	430	529	514	458
Final Attendance	650 est	635	762	741	713

Illustrated Taxonomy Manual of Weed Seeds. 325 copies have been sold to date. Income of \$6,476 with total expenses of \$4,046. Sales have declined the last few months.

Proceedings Co-Editors

Carole A. Lembi and Merrill A. Ross

The copy for the 1997 Proceedings was mailed to Bob Schmidt from our office on January 28, 1998. The Proceedings were published and mailed out to members in approximately one month (we received our copy on March 16, 1998). Abstracts or papers for 225 of the 235 presentations were submitted for the Proceedings. Sale of Proceedings stands at 472 copies. Honorary Members and Fellows received 58 and Sustaining members received 36.

Research Report Editor

Michael Barrett

The 1998 NCWSS Research Report has been compiled and sent to the printer. The report was picked-up for delivery to the meeting. The 1998 report is 480 pages long which compares to 404, 397 and 444 pages in 1995, 1996, and 1997, respectively. The 1998 bid cost, based on 450 pages and 650 copies, for printing in Fargo, ND, is \$8205.59, which compares to bid and actual printing costs of \$8430.00 and \$8643.00, respectively, for the 1997 report.

Newsletter Editor

Michael J. Horak

The NCWSS newsletter was published three times in 1998. The presentation format was changed to allow better clarity of the various sections. Plans are in place to have the Newsletter posted on the NCWSS home page and to notify the membership when a new issue is available via e-mail. Paper copies will still be sent to all members.

WSSA Representative

Dallas Peterson

WSSA continued to implement organizational and business changes in accordance with the strategic plan. With the cooperation of member societies, funding for the Congressional Fellow program will be discontinued, while funding for the Washington Liaison will be increased to support full-time representation. The Washington Liaison has provided a valuable presence and influence regarding legislative issues.

WSSA is creating a Director of Education position to evaluate the educational needs and recommend and guide new educational activities of the society. The Director of Education will work with member societies in developing internal and external educational workshops and reference materials.

John Breithaupt resigned from Allen Marketing and Management and as Executive Secretary for WSSA. Joyce Lancaster will serve as the new Executive secretary and team leader for WSSA business operations. AM&M also has assumed more responsibility for WSSA meeting management and scheduling under the direction of Gretchen Brewer. Individual and sustaining WSSA membership dues will be increased for 1999 to help support current and new activities.

The 1999 WSSA annual meeting will be held at the Town and Country Resort in San Diego on February 7-10. The general session will begin Sunday afternoon at 4:15 with the Presidential address followed by the President's Reception during the early evening hours. The meeting will conclude Wednesday evening with the WSSA Awards banquet. Several educational tours will be available in conjunction with the meeting. Future WSSA annual meetings are scheduled for Toronto, Ontario in 2000 and Greensboro, North Carolina in 2001.

CAST Representative

Thomas Peters

A report of the spring CAST Board meeting held in March 20-22, 1998 in Washington D.C. was printed in NCWSS Newsletter. A report of the Fall CAST Board meeting held on October 9-11, 1998 in Kansas City, MO was sent to Michael Horak for posting on the NCWSS web site (www.ncwss.iastate.edu). Copies of both reports are available to anyone that is interested.

Recent publications of direct interest to members of NCWSS members include "Charting the Course to Science-Based Public Policy", "Naturally Occurring Antimicrobials in Food", "Food Safety, Sufficiency, and Security", "Future of Irrigated Agriculture", "Radiation Pasteurization of Food", "Diversifying U.S. Crop Production", "Feasibility of Prescription Pesticide Use in the United States", and "The Proposed EPA Plant Pesticides Rule".

Forthcoming publications of direct interest to NCWSS members include "Mechanisms for International Protection of Agricultural Biotechnology", impact of EPA Implementation of the Food Quality Protection Act", "Foodborne Pathogens", "Benefits of Biodiversity", "Mycotoxins: Risks and Impacts in Plant and Animal Systems". "Hypoxia in the Gulf of Mexico", "Integrated Pest management", and "Movement and Impacts of Detrimental Non-Native Organisms Affecting Agricultural Production and Natural Resource Environments". The CAST National Concerns Committee has also established production priorities for about 10 additional titles, some of which are older publications needing revision.

CAST growth to 36 member societies and three representatives of individual CAST members, plus a Board structure that included multiple representatives for larger societies, led to the necessity to reduce the size of the CAST Board. Societies and individual members are being re-aligned into a single-representative system. A committee has been established to review the CAST strategic plan, which was approved in 1994. David A. Knauft of the University of Georgia chairs the committee.

CAST is now represented by Meyers & Associates, a Washington-based government relations and business consulting firm. This representation has added new dimensions and strength to CAST's ability to tract and influence legislation. Meyers & Associates maintains nearly continuous contact with CAST officers and staff, including ideally located office space near the House Agricultural Buildings, for use during CAST-related trips to Capitol Hill. The goal of Meyers & Associates is to affect the process rather than to just report it. They have pledged to increase the presence of CAST in D.C. and strengthen CAST's relationship with agencies, members of Congress and their staffs, and members of the Executive Branch. Mr. Larry Meyers predicted that we should prepare for reduced agricultural spending by the Federal government in the year 2000.

CAST is actively attempting to influence science education among youth in our Nation. The Science Education Committee is adding links appropriate to the K-12 age group to the CAST web site.

Extension Committee

William G. (Bill) Johnson, Chair

Annual meeting was held (1997) and Aaron Hager elected as vice chair for 1998. Aaron will be chair for 1999 and preside over Extension Section at 1999 NCWSS meeting. Will plan to have a table available in the poster display for display of new extension and educational materials from Universities at the 1998 NCWSS meeting. Plans for 1999 include exploration of the development of a website clearing house for extension weed management information releases. Johnson will explore possibility of securing the services of an ag journalist to assist with press release types of publications to be posted on this website. Items to consider: 1) is this type of activity worthwhile, 2) location of the website and web manager, 2) compensation of the ag journalist.

Industry Committee

Vince Ulstad, Chair

The NCWSS herbicide list was updated and forwarded to the President and the Program Chair. It has been several years since the list was reviewed for changes. A call for Sustaining Member displays was published in the Summer, 1998 issue of the NCWSS News, with guidelines for preparing displays. A letter was sent to all sustaining members in September offering and encouraging their participation in sustaining member displays at the annual meeting in St. Paul. To date, fifteen displays will be present during the meeting. A follow-up letter in November was sent to those displaying with details of setup and take-down information.

Regulatory and Crop Consultants

Steve Wagner, Chair

Attendance at 1997 committee meeting was sparse. As a result, I made a mailing to 140+ probable members of this section to give my assessment and poll members about their ideas for the direction we need to take and solicit ideas for symposia. Our membership is composed of 2/3 contract researchers and 1/3 crop consultants who attend the annual meeting to network. We are in the process of getting CCA credits for attendance of the 1998 meeting.

Research and Publications Committee

Anthony F. Dobbels, Chair

Conducted a poll to change the weed abbreviations from the 4 letter code to the BAYER Codes, for the NCWSS Research Reports. It was decided to change the 4 letter codes to BAYER codes for the NCWSS Research Reports. Currently looking for alternative ways to distribute the NCWSS Research Reports.

Resident Education Committee

Curtis R. Thompson, Chair

Poster and Paper contest were held at the 1997 NCWSS meetings in Louisville, KY. There were 56 participants in the paper contest and 22 participants in the poster contest. The 1st and 2nd place winners were presented awards at the banquet and acknowledged in the spring 1998 newsletter.

The 1998 North Central Collegiate Weed Science Contest was held on July 22nd and 23rd at the Valent's Mid-West Agricultural Research Center near Seymour, IL. There were 55 graduate and 43 undergraduate participants from 14 different universities. Winners were acknowledged in the fall news letter.

There are 28 poster and 53 paper participants registered for the 1998 NCWSS contests. They will be separated into 5 paper and 3 poster groupings. First and second places will be awarded in each group. A request for judges was placed in the NCWSS summer newsletter.

The following minor changes were made in the summer contest rules:

1. Under eligibility, this statement was added. A combination team must compete as a graduate team; however, the undergraduate students remain eligible for undergraduate individual awards.
2. Under eligibility, this change was made. Previous statement "Students will be able to participate three times in

the NCCWSC, but no more than twice for any one degree” was changed to “Students will be able to participate three times in the NCCWSC as a graduate student”.

3. Under problem solving and recommendation, this statement was added. Winners of each situation may be required to participate in a common, but different situation to determine the overall winner.

The 1998 North Central Collegiate Weed Science Contest was hosted by Valent USA. The activities were held on July 22 and 23 at the Mid-West Agricultural Research Center near Seymour and in Champaign Illinois. Fifty-five graduate and forty-three undergraduate students from fourteen universities participated as individuals and teams in four areas of weed science; sprayer calibration, weed identification, identification of unknown herbicides based on plant species controlled and injury symptoms observed, and problem solving with recommendations. Valent’s president, Phil Nelson, and vice president of technology, Mike Borel, attended the activity and were available to hand out awards to the winners as pictured below.

Graduate Student Committee

Brad Ramsdale, Chair

The annual graduate student mixer will again be sponsored by BASF Corporation. It will be held on Monday, December 7 beginning at 5:00 p.m. in the Capitol Ballroom. The Graduate Student Committee business meeting will be held at the conclusion of the "Professional Opportunities in Weed Science" symposium on Wednesday afternoon. Past committee meetings were held prior to the mixer on Monday afternoon and attendance was usually poor. This time should give more graduate students an opportunity to attend and provide input. If there is good attendance at the business meeting, consideration should be given to scheduling the meeting at similar times in the future. To organize the graduate student mixer, correspondence should be directed to Joe Zawiencha of BASF at their home office and to the Program and Local Arrangement Committees chairpersons to reserve a time and place.

Career Placement Committee

Robert Masters, Chair

	Positions Desired				Positions Available				
	B.S.	M.S.	Ph.D.	Total	GRA	Private	Univ.	Gov.	Total
1991	1	7	10	18	0	5	3	0	8
1992	2	9	23	34	0	7	3	1	11
1993	3	8	13	24	6	12	4	1	23
1994	0	6	5	11	1	6	3	0	10
1995	1	8	12	21	0	9	2	0	11
1996	1	3	1	5	0	3	3	3	9
1997	1	7	13	21	2	8	4	0	14
1998	0	12	9	21	3	11	7	0	21

Constitution and Operating Procedures

William Lueschen, Chair

The NCWSS Manual of Operating Procedures was revised to reflect changes made by the Board of Directors.

Finance, Steering, and Policy Committee

Chris Boerboom, Chair

At the close of the 1998 fiscal year, the Society has an invested financial reserve of \$259,816 which exceeds twice the annual operating expense of the Society (\$107,419) as mandated in the Manual of Operating Procedures, Chapter 9. The financial reserve is adequate at this time and the Society is currently in a sound financial position. Total expenses exceeded income (excluding investments) by \$2,747 in 1998. This is the first net loss (excluding investment income) since 1992.

The 1997 annual meeting (1998 fiscal year) generated a net profit of \$11,623. Revenue from the sale of the NCWSS Proceedings just covered publication costs, but the NCWSS Research Report will have a net loss of about \$1,200. In addition, the Society generated about \$1,790 in revenue from sales of the weed seed manual. Net revenue for publications was \$2,023. Expenses exceeded income for program services by \$16,393. Major expenses include the NCWSS Newsletter (\$3,655), North Central Collegiate Weed Science Contest (\$6,500), Management Fee (\$12,000), the Congressional Science Fellow (\$9,475), and AESCOP (\$6,000). The deficit in program services is a result of the NCWSS contribution to these areas. Currently, the Society maintains an overall net profit from revenue in the other two areas (especially the annual meeting) and in interest on investments.

The long term investment strategy for the NCWSS is to invest future profits and existing investments at maturity into certificates of deposit and/or treasury bills with approximately 25% maturing each six months.

Fellow Committee

Kenneth L. Carlson, Chair

Two nominations for NCWSS Fellow were received. The two nominees were: Paul Ogg and James Worthington. The committee evaluated and ranked each nominee. We recommend the NCWSS Board of Directors approve the selection of Paul Ogg and James Worthington as Fellows in the North Central Weed Science Society. Guidelines in the NCWSS Proceedings are adequate, but a procedural timeline needs to be given to the chairperson to assist in keeping them on track with this process. A timeline will be supplied to the incoming chairperson. Also a listing of potential Fellow nominees and their nominators will be given to the incoming chairperson. We need to strongly emphasize the need to nominate worthy candidates for this highest honor of NCWSS.

Legislative Information Committee

Leroy Cobia, Chair

L. Cobia summarized activities by Karl Glasener, Washington Liaison. He was occupied mainly with the WSSA-lead push for the establishment of a National Weeds Management Program (NWMP) at USDA-ARS. In September, as USDA-ARS elected not to create a NWMP, at least for this year, he proceeded to draft a strategy for next year which should be part of the next Washington Liaison's duties. He also spent considerable time tracking FQPA developments as the agricultural community braces for the August 1999 deadline at which time EPA proposes to complete the first one-third of all chemical tolerances and exemptions. In an attempt to increase our presence in Washington, DC as well as our scientific credibility, WSSA has requested affiliation with the American Association for the Advancement of Science. On November 17, 1998, he represented WSSA at an AAAS board meeting during which our request was reviewed and a decision made. A new Washington Liaison is being selected to replace Karl Glasener. Rob Hedberg is considered the first choice and Mike Gorrell as second choice.

Local Arrangements

Duane Rathman and Zachary Fore, Chairpersons

Planning for the December meeting is on schedule. Committee members have done an excellent job of following up on their areas of responsibility. Hotel facilities are in great condition. Warm weather with clear to partly cloudy skies has been ordered. It is suggested to provide past budgets as examples to the next chairperson. Participation in the spouses program has been low. Consideration should be given regarding the necessity of the spouses program. Close communication between the current local arrangements chairperson and committee and the past local arrangements chairperson and committee is strongly encouraged to provide continuity and increase efficiency in the planning process.

Membership Committee

Sharon A. Clay, Chair

Bryce Nelson wrote a news article for inclusion in the Minnesota Crop Consultants Newsletter to inform and invite crop consultants to the NCWSS in St. Paul. This also was circulated in South Dakota. New graduate students were informed of the meeting and encouraged to attend. It is recommended that the Board set up a mailing list that would go to crop consultant groups in all states and Canadian provinces to consistently advertise yearly meetings to get participation.

Nominating Committee

Roger Becker, Chair

This year the NCWSS nominating committee was charged with finding candidates for three positions, Vice President, WSSA Representative, and Research Report Editor. This year was to be an industry representative for Vice President for the private, public rotation tradition, with only one of the several asked willing to serve. The committee revisited the need for a rotation of VP from industry and the public sector. Opinion was evenly split for just getting the “best” candidate and maintaining the rotation. We did try to find industry candidates from private consulting to gain more involvement from that portion of our industry members, all contacted expressed their appreciation of being considered, but time conflicts prevented their acceptance. It was relatively easy to find two WSSA Representative candidates for the ballot. The Research Report Editor issue needs to be addressed by the Board considering past discussions by the Board and Executive Committee and the developments this year. After considerable effort, no one was found for this position. The following nominations are available for consideration by the Board.

Duane Rathmann for Vice President

Kent Harrison or Larry Binning for WSSA Representative

No one for Research Report Editor; conditional proposal from D. Pike to be distributed at meeting.

North Central Regional Publications Committee

Karen A. Renner, Chair

This committee serves as a forum for discussion and publication of materials that impact the north central states. In 1998 there was one new bulletin printed:

Common Weed Seedlings of the North Central States

Andrew J. Chomas, James J. Kells, and J. Boyd Carey

The authors are from Michigan State University. The cost of the bulletin is \$2.00 and the bulletin is being printed in late November. Many members of the NCWSS contributed slides and other information for the bulletin; their efforts should be commended.

The committee discussed the need for additional publications and there were questions on updating ‘Weeds of the North Central States’ which is published by Illinois. Many members of the north central now use ‘Weeds of the Northeast’, ‘Ontario Weeds’, or ‘Nebraska Weeds’ as reference materials. We will meet in St. Paul in conjunction with the Extension business meeting on Wednesday afternoon and discuss future plans for NCR bulletins.

Program Committee

Phil Orwick, Chair

The 1998 meeting program has been completed. The 1998 meeting will feature 249 presentations - 1 more than 1997. There will be 61 posters and 188 papers. The poster number is 7 more than last year while the paper number is 6 less than in 1997. The meeting will also include 3 symposia. Special thanks to each of the organizers of the symposia. Because of last year’s success, the member forum will continue this year as a part of the general session. This forum gives the members an increased opportunity to ask questions and provide suggestions to Society officers and the Board of Directors. The e-mail submission format begun in 1997 worked well again in 1998. 246 of the 249 paper/poster submissions (99%) were received via e-mail. Two suggestions for future Calls for Papers: clearly state that for submissions via e-mail, only one paper/poster is to be submitted per transmission for those authors that have more than one submission; put in bold letters that the author is to follow the examples given for title and authors format.

Resolutions and Necrology Committee

Kevin Thorsness, Chair

The committee was notified in October of the death of Kenneth Bradfield and notice was given to the newsletter editor in November. Notice was placed in the fall newsletter requesting assistance in identifying such occurrences.

Standard resolutions recognizing the hosts of the summer weed contest, the local arrangements committee, the judges of the graduate student paper and poster contest, and the host facility for the 1998 annual meeting have been prepared. These resolutions will be presented to the board of directors at the annual board meeting on December 9, 1998. No additional resolutions from the membership have been brought to the committee's attention at this time.

Distinguished Achievement Award

Bill Miller, Chair

Three nominees for Distinguished Achievement Awards were received. The committee agreed to present the awards as indicated: Research, Ronald F. Krausz; Service, James R. Martin; Industry, Randy Lloyd. No nominees were submitted in the categories of Technical Support, Young Scientist, and Education. A summary of accomplishments was prepared for each award recipient and their names were submitted to the Executive Secretary. There is dissatisfaction with the name "Technical Support Award". A new name should be selected.

Herbicide Resistance Committee

Jamie Retzinger, Chair

The Symposium "Management of Herbicide Resistant Weeds" was organized and is scheduled for Thursday 8:00 AM to 11:30 AM, December 10th. The costs of registration, and rooms are itemized in our budget request.

Dr. Bob Hartzler, Iowa State University, represented the NCWSS, for Richard Zollinger at the North American Herbicide Resistance Working Group (NAHRWG) meeting held in Kansas City, MO September 10th. Minutes from that meeting are as follows.

Tim Chicoine, Dupont, opened the meeting with the introduction of all the members present and gave a brief history on how the North American Herbicide Resistance Working Group (NAHRWG) was formed. NAHRWG is an avenue for industry and academic researchers to discuss common issues without violating anti-trust laws. Technical issues only can be discussed.

The Mission Statement of the NAHRWG is: To facilitate the effective management of herbicide resistance by fostering understanding among manufacturers/distributors, academics, consultants, government, and end users.

The following Aims were drafted:

- _ To improve the reporting of herbicide resistance occurrences and the access to resistance information.
- _ To seek active collaboration in the areas of :
 - _ problem identification
 - _ devising management strategies
 - _ promoting management strategies
- _ To improve the reporting of herbicide resistance occurrence and access to resistance information.
- _ To facilitate communication among members.
- _ To support and participate in appropriate forums that increase understanding of herbicide resistance.

Organization Membership

Voting membership shall consist of::

- a. Basic herbicide manufacturers
- b. Academic representative which will consist of following organizations:
 - NEWSS, SWSS, NCWSS, WWSS, WSSA Herbicide Resistance Committee,
 - Expert Committee on Weeds, and the Canadian Crop Protection Institute (CPI)
- c. Individual members from academic sector will serve a minimum of TWO years.

Non-voting members at large include:

- a. American Crop Protection Association, (ACPA), EPA, PMRA,
- b. Commodity groups such as: National Corn Growers, Soybean Council, Cotton Council, North American Wheat Growers Association, Peanut Growers, Rice Research Board.
- c. IR-4, National Alliance of Independent Crop Consultants (NAICC), CAST

Meetings-Frequency:

The NAHRWG will meet twice a year. The first meeting will be held in conjunction with WSSA annual meeting. A 1999 fall meeting will be scheduled for the week of September 13th.

It was agreed that the next NAHRWG meeting would be held following the WSSA meeting, 8:00 AM, February 11, 1999 in San Diego, CA. This meeting date will include a joint session with the Herbicide Resistance Action Committee, HRAC.

The Herbicide Resistance Committee requests that the Vice-Chair of the Herbicide Resistance Committee in ALTERNATE years be appointed from the academic sector. The Vice-chair represent the NCWSS at the NAHRWG meetings for a minimum of TWO years. That would allow that individual to attend a minimum of 3 to 4 NAHRWG meetings.

Long Range Planning and Organizational Affairs

Bill Miller, Chair

This committee was asked to develop a recommendation that would increase the society's income. During the summer board meeting in Champaign, Illinois, the committee made the recommendation to increase Sustaining Membership dues. The recommendation was to maintain the three tier structure and increase membership dues within each tier as follows:

	Number/category	Recommendation	Current Dues
Sales of over \$100 million	14	\$1,000	\$500
Sales of \$10-100 million	6	\$500	\$300
Sales less than \$10 million	16	\$250	\$175

Based on the society's current Sustaining Membership, the NCWSS's income would increase from \$11,500 to \$21,000. The Long Range Planning Committee will prepare a one page letter describing the advantages of becoming a sustaining member in the NCWSS.

Future Site Selection Committee

Charles Slack, Chair

Two sites, Springfield, IL and Milwaukee, WI, were considered as potential sites for 2001. The results of the visits and a ballot was sent to the committee for their vote and suggestions. The majority of the committee voted for Milwaukee. The hotel of choice was the Hyatt Regency.