

PROCEEDINGS
SOUTHERN WEED SCIENCE SOCIETY
a story worth telling

THIRTIETH ANNUAL MEETING



JANUARY 19-20-21, 1977
DALLAS, TEXAS U.S.A.
SWSPBE30-1-528 (1977)

For Vice-President - Morris G. Merkle
For Editor - Bryan Truelove
For Secretary-Treasurer - John R. Abernathy
For Executive Board Member-At-Large - Claude W. Derting
For Executive Board Member-At-Large - Harold R. Hurst

In addition to the above, the Nominating Committee presented two names, Jim Miller and Allen Wiese, to the Executive Board on Tuesday for filling the final year of the term for WSSA Representative. Morris Merkle left this vacancy when he was elected Vice-President. Jim Miller was elected as WSSA Representative.

Respectfully submitted,

Claude W. Derting
Jesse Harris
Robert Frans
Horace Skipper
Paul Santelmann, Chairman

PLACEMENT COMMITTEE REPORT - Presented by John Abernathy

In an attempt to make the Placement Service more available, Position Desired and Position Available Forms were sent out with the October mailing to the entire SWSS membership. Prior to the 1977 meeting, 27 Position Desired and 17 Position Available forms were returned to the Chairman. The Placement Service was operated Wednesday, Thursday, and Friday during the SWSS meetings at the Dallas Hilton. At the close of the SWSS meeting, a total of 40 Position Available and 43 Position Desired forms had been processed.

Respectfully submitted,

Tom Peeper
Roland Cargill
Allen Wiese
John R. Abernathy, Chairman

PROGRAM COMMITTEE REPORT - Presented by Cleston G. Parris

The Program Committee met during the annual meeting at Dallas in January, 1976. In the search for a 1977 theme, it was agreed that the General Session program should center on a theme related to communications and public relations.

Several possible titles for the theme were evaluated by the committee during April. We selected "WEED SCIENCE: A Story Worth Telling" for our 1977 program.

STUDENT INTEREST COMMITTEE REPORT - Presented by D. S. Murray

Forty-four graduate student papers were entered in the 1977 contest. Forty-two contestants were eligible to win.

The papers were placed in four groups with each group having five judges. Judges were selected from extension, industry, research, and teaching segments of our society.

At the noon banquet awards were presented to the winners of each group. The first place winner of each group received \$50 while the second place winner of each group received \$30.

Winners of each group were:

Group A

- 1st Place The Activity of MBR-12325 on Johnsongrass and Shattercane, S. Glenn and C. E. Rieck, University of Kentucky, Lexington, KY.
- 2nd Place Influence of Soil Types on Soybean Response to Chlorbromuron, Linuron and Metribuzin, J. R. Holowid, L. S. Jeffery and T. C. McCutchen, University of Tennessee, Knoxville, TN.

Group B

- 1st Place The Evaluation of Several Growth Regulators in Spanish Peanuts, W. E. Thilsted and P. W. Santelmann, Oklahoma State University, Stillwater, OK.
- 2nd Place Competition of Four Morningglory Species with Cotton, R. H. Crowley and G. A. Buchanan, Auburn University, Auburn, AL.

Group C

- 1st Place A Rapid Technique for Separation of Individual Weed Species from a Seed Mixture, S. K. Johnston and R. H. Crowley, Auburn University, Auburn, AL.
- 2nd Place Effects of Dinitroaniline Herbicides on Cotton Roots E. C. Gordon and R. E. Frans, University of Arkansas, Fayetteville, AR.

Group D

- 1st Place Potato Parameters and Efficiency as Influenced by Herbicides, D. C. Smallwood, J. R. Abernathy and J. C. Miller, Jr., Texas Agricultural Experiment Station, Lubbock and College Station, TX.

2nd Place Comparison of Chemical and Mechanical Methods for Controlling Huisache, O. E. Bontrager, C. J. Scifres and D. L. Drawe, Research Fellow, Texas A&M University, Texas Agricultural Experiment Station, College Station, TX and Rob and Bessie Welder, Wildlife Foundation, Sinton, TX.

No changes are recommended.

Respectfully submitted,

F. L. Baldwin
J. C. Banks
W. W. Witt
D. S. Murray, Chairman

SUSTAINING MEMBERSHIP COMMITTEE REPORT - Presented by Charles Moore

In June, 1976, an initial mailing was made to the 122 sustaining members of 1975-76. This mailing included a letter requesting their continued support, an application form for sustaining membership, and an invoice. We received renewals from 114, 2 withdrew, and we received no reply from 6. A second notice letter was mailed in August to those 1975-76 members from whom we had not received a reply.

In July, 1976, a mailing was made to 60 prospective new members. These prospective new members were obtained from lists provided by the committee members as well as from past SWSS registration lists. Each prospective member was sent a letter outlining the SWSS objectives and activities and extended an invitation for their membership. An application form for membership and an invoice was also included. Of these 60, we added 4 new members.

All applications and checks were received by the chairman of this committee. A letter of acknowledgement and thanks was sent to each member. All checks received were forwarded via certified mail to the Secretary-Treasurer and applications placed in file. A list of current sustaining members was mailed to the Program Chairman in November along with labels.

As of December 17, 1976, we have 118 sustaining members who contributed a total of \$5,900. We would like to express our thanks to all previous and new members for their interest and continued support of the SWSS.

The committee wishes to acknowledge and express sincere appreciation to Mrs. Sandy Bresnahan for her assistance in secretarial matters as well as her concise and accurate account of the records.

Respectfully submitted,

J. C. Walker R. P. Thompson
J. L. Taylor Gene Morton
J. L. Barrentine, Chairman

which classifies a page charge in essentially the same category as an advertisement. Thus the society could lose its second class mailing permit as a non-profit organization. The 4th Edition of the Herbicide Handbook is scheduled for late 1977.

5. Society finances are in excellent condition. The current operating budget is approximately \$100,000 and a two year reserve is available. Regular membership dues were reduced from \$20 to \$15 and student membership from \$10 to \$7.50.
6. A resolution supporting the formation of Departments of Weed Science at colleges and universities as the opportunity presents itself was passed by the society,

Respectfully submitted,

M. G. Merkle

RESEARCH METHODS COMMITTEE REPORT - Presented by Bryan Truelove

The manual is complete and will be bound and ready for mailing by the end of January. There are 18 chapters and 5 appendix sections to the manual. There was a deadline for receipt of copy from authors of July 31. When July 31 arrived, I had 3 of the 18 chapters in hand. Most of the chapters arrived in September and October; the final one was received at the end of November. However, these delays were not the direct cause of the failure to have it ready. It was simply that the printer did not realize how much work was involved and he assured me up to November that we were still on schedule.

All of the chapters have been exhaustively reviewed by me, and galleys were reviewed by the authors. I have read all galley proofs at least twice and also page proofs. I do not believe there are any major errors remaining in the text unless they were in the original Mss.

The appendix section containing three major and, I believe, valuable additions; (a) a listing of data which should be collected when conducting field experiments, (b) an extensive list of crop plants with scientific names, and (c) a complete list of common names of weeds with their scientific names.

The manual will have 230 pages of text. Since we have gone to the double-column format this means that it contains more than twice the content of the first edition.

Because the manual will not be available for distribution at the meeting, I am having a "flyer" printed describing the contents and containing an order blank showing the cost as \$7 including mailing (+20% for overseas mailing). After consultation with Jim Becton and Gale Buchanan, we are also advertising discounts on orders for 10 or more copies, in the hope that we may see it adopted for class use by some schools. With a printing of 3,500 copies the