A highlight of the 21st annual CSSA meeting was the luncheon and presentation of the Crop Science Award to Dr. Marcus S. Swartzendruber, Purdue Univ., recipient of the 1975 Soil Science Award. The keynote address was presented by Dr. C. R. Wharton, of Utah State Univ., and "Agronomists and Food: Contributions and Challenges," the joint annual meetings of the American Society of Agronomy, Crop Science Society of America, and Soil Science Society of America were held in Houston, Tex., from 28 Nov. to 3 Dec. 1976.

The meetings were attended by more than 3,300 members and guests. They had the opportunity to select from more than 1,125 papers presented in paper sessions and symposia. They also attended receptions at meals, tours, and visited book and commercial exhibits. Highlighting the week's activities were the presentations of awards, naming of new ASA and SSSA Fellows, and the introduction of 1976-77 officers.

The keynote address was presented by Dr. C. R. Wharton, president of Michigan State Univ. His speech, "Ecology and Agricultural Development: Striking a Human Balance," was presented on Monday morning. A special theme-related session on Tuesday afternoon included papers on, "Agronomists and Food: Contributions" by Dr. D. W. Thorne, professor emeritus of soil science at Utah State Univ., and "Agronomists and Food: Challenges," by Dr. J. B. Kendrick, Jr., vice president-Agricultural sciences at the Univ. of California. This session was arranged and presided over by Dr. M. D. Thorne, ASA President-Elect. All three of these papers will be included in an ASA Special Publication.

At the CSSA-SSSA joint program on Tuesday evening, Drs. V. A. Johnson and J. W. Schmidt of the Univ. of Nebraska, co-recipients of the 1975 Crop Science Award, discussed, "Wheat--Its Role in America's Heritage and Future," and Dr. Dale Swartzendruber, Purdue Univ., recipient of the 1975 Soil Science Award, presented a paper on, "Soil Physics--Reflections and Perspectives."

In recognition of the U.S. Bicentennial celebration, several landmark papers and sessions were presented. In Division A-1, Dr. J. B. Peterson of Purdue Univ. presented a paper titled, "Agronomic Education Bridges Science and Application." Division A-2 sponsored a session on, "Development of Natural Resource Management on Military Lands." Dr. Edgar Lemon, USDA-ARS and Cornell Univ., presented a paper on, "Climate and Agriculture," in Division A-3. Division A-4 featured "Focus on the Future with an Eye to the Past," by W. F. Hueg, Jr., of the Univ. of Minnesota. "The Impact of 200 Years of Improved Technology on Environmental Quality," by H. E. Koenig, of Michigan State Univ., was featured in Division A-5. In Division A-6, Dr. N. C. Brady of the International Rice Research Institute discussed, "The Role of Agronomists in International Agricultural Development." Dr. R. W. Howell of the Univ. of Illinois presented a paper on, "Crop Physiology in the Third Century," in Division C-2. Division C-5 sponsored a symposium on, "1976 Turfgrass Industry Challenges in Research, Teaching, and Continuing Education."

In the SSSA Divisions, Dr. W. H. Gardner, Washington State Univ., presented, "Historical Highlights in American Soil Physics, 1776-1976," in Division S-1; Dr. G. W. Thomas, Univ. of Kentucky, presented, "Historical Developments in Soil Chemistry: Ion Exchange," in Division S-2; Dr. F. E. Clark, USDA-ARS, Fort Collins, Colo., presented, "Soil Microbiology--It's a Small World," in Division S-3; Dr. F. G. Viets, Jr., Fort Collins, Colo., presented, "A Perspective on Two Centuries of Progress in Soil Fertility and Plant Nutrition," in Division S-4; Dr. M. G. Cline, Cornell Univ., presented, "Historical Highlights in Soil Genesis, Morphology, and Classification," in Division S-5; Dr. G. M. Browning, Iowa State Univ., presented, "History and Challenges in Soil and Water Conservation and Management," in Division S-6; and Drs. G. G. Williams and D. A. Russel, TVA, presented, "History of Chemical Fertilizer Development," in Division S-7.

"Agronomic Implications of Wintertime Soil and Crop Management" (Divisions S-3, S-6); "Crop Tolerance to Sub-optimal Land Conditions" (Divisions S-1, A-3, and S-6); "Crop Residue Management" (Divisions S-6, S-4, S-3, and C-3); "Potash in Developing Environments" (Divisions S-3, S-1, S-6, and C-3); and "Soil and Crop Science" (Divisions S-3 and C-6).

Assumed that the papers satisfy editorial requirements, the societies, new Special Publications are expected to be produced from the symposia on "Crop Residue Management," "Crop Tolerance to Sub-optimal Land Conditions," and "Potash in Developing Environments.

The traditional banquet was held Wednesday evening. It featured an address titled, "Agronomists and Food: Contributions and Challenges for the Cereals," by Dr. F. L. Johnson, President. The paper appears as the lead article in the February 1977 issue of Agronomy Journal.

925 people attended the banquet.

In the awards ceremonies, Dr. Darrel A. Misztal received the Crop Science Award at the Univ. of Illinois, received the Crop Science Award; Dr. Robert D. Munson, Midwest Region, received the Agronomic Service Award; Dr. J. W. Cary of the TVA, received the International Service in Agronomy Award; Dr. Thomas M. McCulla, microbiologist and research plant physiologist, USDA-ARS at the Univ. of Nebraska, received the CAST Research Award. The 1976 CIBA-Geigy Award was presented to Dr. Calvin G. Messersmith, associate professor of agronomy at North Dakota State Univ.

The 1976 Edward W. Browning Award for outstanding service in crop science was presented to Dr. Charles A. Johnson, Curtis Distinguished Professor in Agriculture, Univ. of Illinois. Dr. Black led the effort that culminated in the formation of the Council for Agricultural Science and Technology (CAST). CAST task forces are improving the factual background for decision-making on agriculture-related matters that affect the entire country. The Browning Award is administered by the New York Community Trust and the recipient is elected by the ASA. The award consists of a $5,000 check, a medallion, and a certificate.

Special recognition was afforded three long-time members when they were named Honorary Members. They included Dr. W. H. Allaway, senior lecturer in agronomy, Cornell Univ.; Dr. John B. Peterson, associate director of the Univ. Laboratory for Application of Remote Sensing; and Dr. William H. Pierre, emeritus professor at Iowa State Univ. The Crops and Soils Magazine Award for outstanding writing was presented to Dr. G. E. Richards, agronomist with the Olin Corp., for his article, "Fertilization: Can we do a Better Job?" which appeared in the January 1975 issue. Honorable mention certificates were presented to Dr. J. W. Cary for his article, "Here's How Frost Damages Seedlings," in the January 1975 issue, and Swartzendruber for, "Iron Chlorosis: Where It's a Problem, What Can Be Done," in the August-September 1975 issue.

The Univ. of Nebraska Agronomy Club again received the Edward W. Browning Award for Improvement of Agronomy Club Achievement Award. Allen Misztal Bernabe, Nebraska, won the National Student Speech Contest, Faith Baumann, Texas A&M Univ., won the National Soil Judging Contest. Larry Hagemann, Univ. of Wisconsin-Platteville had the first place team in the National Soil Judging Contest.