

## SOYBEAN GERMPLASM CROP ADVISORY COMMITTEE REPORT

The Soybean Germplasm Crop Advisory Committee held its annual meeting February 23, 1987 at the Soybean Breeders' Workshop in Memphis, Tennessee. Twelve of the 14 members were in attendance. Also attending was Mark A. Bohning, Crop Advisory Committee Facilitator, Plant Genetics and Germplasm Institute. Those elected to three-year terms were: Kuell Hinson, USDA-ARS, University of Florida, Gainesville; Clark Jennings, Pioneer Hi-Bred International, Waterloo, Iowa; and Donald Schmitt, North Carolina State University, Raleigh.

Updates on both the northern and southern portions of the USDA/Soybean Germplasm Collection were given by Richard Bernard and Calton Edwards, respectively. Those reports are presented in the Soybean Genetics Newsletter, pages 11-14. A large collection (1417 accessions) of soybean germplasm was received from Japan in 1986. Urbana received a budget increase in FY 87 for acquisition, maintenance, and general evaluation of the collection.

The subject of availability of soybean germplasm data from the Germplasm Resources Information Network (GRIN) was discussed. Mark Bohning reported that GRIN is now available to the public. User manuals for accessing the soybean germplasm data base in GRIN are available by a request to: Jimmy D. Mowder, Database Manager, USDA, ARS, Room 130, Building 001, BARC-WEST, Beltsville, MD 20705.

It was reported that a special two-hour symposium on GRIN will be given at the 1987 Annual Meetings of the American Society of Agronomy.

In a discussion of curator needs, Richard Bernard expressed concern about the maintenance of the perennial *Glycine* collection. There is a strong need for greenhouse space for this purpose. The use of tropical/subtropical areas to maintain the perennials was discussed. Puerto Rico, St. Croix, and other locations including Australia were considered. Concerns about growing the perennials at outlying locations were outcrossing, disease problems, technical knowledge of the personnel at the locations and the continuity of maintenance by cooperators.

Richard Bernard suggested that more effort needs to be made by authors to more completely identify foreign cultivars listed in papers in scientific journals. The name of the cultivar and the institution from which it was received should be given. Also, it would be desirable for cultivars being used in U.S. breeding and research to be offered for inclusion into the U.S. PI Collection, if not already included.

The Soybean Germplasm Crop Advisory Committee Bylaws were published in the Soybean Genetics Newsletter 13:31-32, 1986. These were reviewed and no changes were recommended. However, because of the close cooperation between many U.S. and Canadian scientists, a motion was passed to invite a soybean breeder from Canada to attend the 1988 committee meeting as an observer.

The duties and responsibilities of Crop Advisory Committees were published in the Soybean Genetics Newsletter 13:25-26. These were reviewed and no changes were made.

A discussion of the journal DIVERSITY emphasized the importance of encouraging CAC members to subscribe and to promote it to nonmembers. The journal is an excellent means to become better informed on germplasm issues.

Following are the current committee members, addresses, areas of representation, and dates of expiration of current terms.

Name	Address	Area of representation	Expiration of term
T. Scott Abney	USDA, ARS Dept. of Plant Pathology Purdue University W. Lafayette, IN 47907	Plant Pathology	1989
R. L. Bernard	USDA, ARS Dept. of Agronomy University of Illinois 1102 S. Goodwin Urbana, IL 61801	USDA Germplasm Collection	ex officio
Edgar E. Hartwig	USDA, ARS Soybean Prod. Research P.O. Box 196 Stoneville, MS 38776	USDA Germplasm Collection	ex officio
Kuell Hinson	USDA, ARS Dept. of Agronomy University of Florida 1 FAA Bldg. 63 Gainesville, FL 32611	Public Breeding, South	1990
Clark Jennings	Pioneer Hi-Bred Int'l 3261 W. Airline Hwy. Waterloo, IA 50703	Private Breeding, North	1990
Thomas C. Kilen	USDA, ARS Soybean Prod. Research P.O. Box 196 Stoneville, MS 38776	USDA Germplasm Collection	ex officio
Philip Miller	USDA, ARS Beltsville Agric. Res. Center Bldg. 005, BARC-W Beltsville, MD 20705	USDA National Program Staff	ex officio
Randall Nelson	USDA, ARS Dept. of Agronomy University of Illinois 1102 S. Goodwin Urbana, IL 61801	USDA Germplasm Collection	ex officio
J. H. Orf	Dept. of Agronomy and Plant Genetics University of Minnesota St. Paul, MN 55108	Public Breeding, North	1988

## Current committee members (continued)

Name	Address	Area of Representation	Expiration of term
Reid G. Palmer	USDA, ARS G 301 Agronomy Iowa State University Ames, IA 50011	Cytogenetics and Molecular Genetics	1988
Donald P. Schmitt	Dept. of Plant Pathology Box 7631 North Carolina State Univ. Raleigh, NC 27695-7631	Nematology	1990
J. Grover Shannon	Asgrow Seed Company P.O. Box 210 Marion, AR 72364	Private Breeding, South	1989
M. J. Sullivan	Edisto Experiment Station P.O. Box 247 Blackville, SC 29817	Entomology	1988
Richard Wilson	414 Williams Hall North Carolina State Univ. Raleigh, NC 27695-7620	Physiology	1989

Thomas Kilen was reelected as chairman of the committee and Clark Jennings was reelected vice-chairman. Both will serve one-year terms.

Thomas C. Kilen, Chairman  
Soybean Germplasm Crop  
Advisory Committee