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BEAN IMPROVEMENT COOPERATIVE



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THE 44th ANNUAL REPORT OF THE BEAN IMPROVEMENT COOPERATIVE

The Bean Improvement Cooperative invites its members and other interested parties to join us at the Sixteenth Biennial Meeting in Fargo ND from October 27 to November 3, 2001. In addition, there are associated meetings with our colleagues in the North American Pulse Improvement Association, Crop Germplasm Committees and the Regional W-150 Committee before and after the BIC/NDBC sessions. Our local organizers are Ken Grafton, Phil McClean, and Jack Rasmussen. Please refer to the information provided by the local organizing committee in this report of the BIC, and look for other information on the BIC web site and the call for abstracts that will be mailed directly by the local organizing committee to all BIC members later this year. Please share this information with interested colleagues who would like to attend these meetings and/or join the BIC.

Our organization has always had a strong commitment from its members who have devoted their time and energy to creating a positive atmosphere of cooperation and enthusiasm for those just beginning their exciting careers and to those who have come to the end of their productive and rewarding careers with beans. Please review the call for nominations for the BIC Meritorious Service Award and the BIC Achievement Award, and forward your nominations to the Awards Committee Chairperson, Howard Schwartz by July 1, 2001. The membership of the Awards Committee was changed in 2001. Dr. Howard Schwartz will chair the committee with assistance from Dr. George Hosfield and Dr. Steve Magnuson. I appreciate the willingness of the new members to serve on this important committee and to provide improved representation from our Federal and Industry members. I wish to thank the two outgoing committee members, Dr. Dermot Coyne, former chair, and Dr. Rennie Stavely for their long years of dedicated service to the BIC and I wish them both health and happiness in their retirements. To assist you in nominating your colleagues, I have taken this opportunity to update the list of BIC Committee Membership, and those who have received BIC Awards throughout the history of the Bean Improvement Cooperative.

The BIC wishes to announce the establishment of the **Frazier-Zaumeyer Distinguished Lectureship**. The purpose of the Lectureship is to honor a distinguished colleague by inviting the award recipient to deliver the keynote opening address at the biennial BIC meeting. The selected individual should have contributed significantly to bean research over the previous 5-10 year (or longer) period. In addition the recipient would provide a short review (maximum 6 pages) for publication in the BIC report and be featured on the BIC web site. The Lectureship would be distinct from the other BIC Achievement and Meritorious Service Awards and holders of these awards are not excluded from being awarded the Frazier-Zaumeyer Distinguished Lectureship. The Lectureship recognizes the original BIC founder members, Dr. 'Tex' Frazier, distinguished bean breeder and Dr. Bill Zaumeyer an equally distinguished bean pathologist. The Awards Committee in agreement with the BIC President and the Local Meeting Committee Chair will choose the successful recipient of the Lectureship. The Lectureship will be awarded every two years in conjunction with the BIC meeting. The first Lectureship will be awarded at the meeting in Fargo and nominations are requested from the membership.

As President of the BIC, I would like to welcome to the BIC Coordinating Committee, Dr. Antonio de Ron from Pontevedra, Spain as our European member. His presence reflects our growing international membership. I wish to thank Shree Singh for his many years of dedicated service as the international representative serving on the BIC Coordinating Committee.

The BIC Web page www.css.msu.edu/bic is now available to provide better service for members and non-members. Please bookmark and access the site for new information. In this issue, Jim Myers and Mark Brick present results of a survey conducted on the status of genetic modified (GM) varieties in common bean in the U.S. The BIC continues to publish annually, short review articles on a topic of current interest to members. The mini-reviews will be limited to six (6) pages and are designed to be more expansive, and address a topic of current interest in bean improvement that would not appear in a traditional referred journal. Given the interest in chemical constituents of seed coat color genes, George Hosfield has agreed to address the topic: '**Seed coat color in *Phaseolus vulgaris*, its chemistry, and associated health related benefits**' for this issue. BIC members are invited to contribute review articles in future years.

Dr. James D. Kelly,
BIC President

BIC COMMITTEE MEMBERSHIP - 1957 to 2001

Coordinating Committee (approximate year of appointment):

1957	Dean, Enzie, Frazier* (BIC Coordinator/President), McCabe, Zaumeyer
1960	Anderson, Atkin, Dean, Enzie, Frazier , McCabe, Zaumeyer
1962	Anderson, Atkin, Dean, Frazier , Pierce, Polzak, Zaumeyer
1968	Anderson, Coyne , Dean, Jorgensen, Polzak, Zaumeyer
1971	Briggs, Coyne , Dean, Jorgensen, Polzak, Zaumeyer
1972	Burke, Coyne , Dean, Jorgensen, Kiely, Polzak, Zaumeyer
1974	Ballantyne, Bravo, Burke, Coyne , Dickson, Emery, Evans, Kiely, Saettler, Zaumeyer
1977	Ballantyne, Bliss, Coyne, Dickson , Emery, Evans, Graham, Meiners, Morris, Saettler, Zaumeyer
1978	Atkin, Ballantyne, Bliss, Coyne, Dickson , Graham, Meiners, Morris, Saettler, Sprague
1979	Atkin, Bliss, Dickson , Graham, Hagedorn, Meiners, Morris, Sprague, Wallace
1980	Atkin, Bliss, Dickson , Hagedorn, Morris, Sprague, Steadman, Temple, Wallace
1982	Atkin, Coyne, Dickson , Hagedorn, Sprague, Steadman, Temple, Wallace, Wyatt
1983	Coyne, Dickson , Hagedorn, Saettler, Silbernagel, Steadman, Temple, Wallace, Wyatt
1985	Coyne, Dickson , Mok, Saettler, Silbernagel, Steadman, Temple, Wallace, Wyatt
1986	Coyne, Dickson , Mok, Saettler, Schoonhoven, Schwartz, Silbernagel, Steadman, Wallace
1988	Brick, Dickson, Emery, Magnuson, Roos, Schwartz , Singh, Steadman, Uebersax
1992	Dickson, Emery, Grafton, Magnuson, Schwartz , Singh, Stavely, Steadman, Uebersax
1994	Antonius, Dickson, Grafton, Magnuson, Park, Schwartz , Singh, Stavely, Uebersax
1996	Antonius, Grafton, Park, Schwartz , Singh, Stavely, Myers, Kotch, Miklas, Riley
1998	Antonius, Park, Schwartz (ex officio), Singh, Myers, Kotch, Miklas, Riley, Beaver, Vandenberg, Kelly
2000	Antonius, Beaver, Kelly , Kotch, Miklas, Myers, Park, Riley, Schwartz (ex officio), Singh, Vandenberg
2001	Antonius, Beaver, Kelly , Kotch, Miklas, Myers, Park, Riley, de Ron, Schwartz (ex officio), Vandenberg

Awards Committee:

1971	Baggett, Briggs, Burke, Dean, Wallace
1973	Burke, Dean, Mauth, Zaumeyer
1975	Ballantyne, Frazier, Mauth
1977	Ballantyne, Curme, Frazier, Schuster
1979	Ballantyne, Schuster, Silbernagel, Temple
1981	Abawi, Bliss, Monis, Silbernagel
1983	Adams, Bliss, Burke, Dean, Monis
1985	Emery, Hagedorn, Sandsted, Schwartz
1987	Emery, Hagedorn, Sandsted
1989	Coyne, Silbernagel, Wallace
1995	Coyne, Dickson, Stavely
1997	Coyne, Stavely, Schwartz
1998	Coyne, Stavely, Schwartz
1999	Coyne, Stavely, Schwartz
2000	Coyne, Stavely, Schwartz
2001	Hosfield, Magnuson, Schwartz

BIC MERITORIOUS SERVICE & ACHIEVEMENT AWARD RECIPIENTS

<u>Year</u>	<u>Recipients</u>
1970	Melvin E. Anderson- Rogers Bros. Seed Co., Plant Pathologist William A. Frazier- Oregon State Univ., Horticulturist (BIC Founder & Coordinator , 1957-67) Walter H. Pierce- Asgrow Seed Co., Plant Pathologist William J. Zaumeyer- USDA, Plant Pathologist

- 1971 Walter H. Burkholder- Cornell Univ., Plant Pathologist
 James R. Douglass- USDA, Entomologist
 Howard S. Gentry- USDA, Plant Explorer
 Charles W. Hungerford- Univ. of Idaho, Plant Pathologist
 Herbert A. K. Lamprecht- Pl. Breeding Inst. of Sweden, Geneticist
 John J. Natti- Cornell Univ., Plant Pathologist
 Melbourne C. Parker- Gallatin Valley Seed Co., Plant Breeder
 Francis L. Smith- Univ. of California, Agronomist
 Robert E. Wester- USDA, Plant Breeder
- 1973 Leslie L. Dean- Univ. of Idaho, Plant Pathologist
 Nicolaas Hubbeling- Inst. of Phyto. Res.- Netherlands, Pl. Pathologist
- 1975 M. Wayne Adams- Michigan State Univ., Plant Breeder
 Dermot P. Coyne- Univ. of Nebraska, Plant Breeder (BIC **Coordinator**, 1968-76)
 Shigemi Honma- Michigan State Univ., Plant Breeder
 Max. L. Schuster- Univ. of Nebraska, Plant Pathologist
- 1977 Douglas W. Burke- USDA, Plant Pathologist
 Roelof Prakken- Utrecht Univ. of the Netherlands, Geneticist
 Clibas Vieira- Univ. Federal de Vicosa of Brazil, Agronomist
- 1979 Barbara J. Ballantyne- New South Wales, Plant Pathologist
 Donald J. Hagedorn- Univ. of Wisconsin, Plant Pathologist
 Marshall LeBaron- Univ. of Idaho, Agronomist
- 1982 Eelco Drijfhout- Agr. Inst. of the Netherlands, Plant Breeder
 Donald H. Wallace- Cornell Univ., Plant Breeder
 Donald R. Wood- Colorado State Univ., Plant Breeder
- 1983 Leland W. Hudson- USDA, Horticulturist
 Roger F. Sandsted- Cornell Univ., Horticulturist
- 1987 Michael H. Dickson- Cornell Univ., Plant Breeder (BIC **Coordinator**, 1976-87)
 Aart van Schoonhoven- CIAT, Entomologist
 Frederick A. Bliss- Univ. of Wisconsin, Plant Breeder
 Matt J. Silbernagel- USDA, Plant Pathologist
- 1989 Axel L. Andersen- Michigan State Univ., Plant Breeder/Pathology
 John D. Aktin- Asgrow Seed Co., Plant Breeder
 Colin L.A. Leakey- England, Geneticist
 Alfred W. Saettler- USDA/ARS, Plant Pathologist
 Arthur P. Sprague- Del Monte, Plant Breeder
 James R. Steadman- Univ. of Nebraska, Plant Pathologist
 J. C. "Mike" Tu- Agriculture Canada, Plant Pathologist
 James D. Kelly- Michigan State University, Plant Breeder [Achievement Award]
- 1991 Iver L. Jorgensen- Northrup King & Co., Plant Breeder
 John L. Morris- Rogers/NK Seed Co., Plant Breeder
 Rosario Provvidenti- Cornell University, Plant Pathologist
 Shree P. Singh- CIAT, Plant Breeder
 J. Rennie Stavelly- ARS/USDA-Beltsville, Plant Pathologist
 Daniel Debouck- IBPGR, Rome, Plant Geneticist [Achievement Award]
 Paul L. Gepts- Univ. of Calif.-Davis, Plant Geneticist [Achievement Award]
 Pat Barnes-McConnell- Bean/Cowpea CRSP, Director [Achievement Award]

- 1993 Hubert L. Bannerot- INRA, Versailles, Plant Breeder
 Cesar Cardona- CIAT, Entomologist
 Robert B. Colville- Del Monte Foods, Variety Development
 George L. Hosfield- ARS/USDA, East Lansing, Genetics/Nutrition
 Oswaldo V. Voysest- CIAT, Agronomy/Germplasm Evaluation
 James S. Beaver- Univ. of Puerto Rico, Plant Breeder [Achievement Award]
- 1995 Howard F. Schwartz- Colorado State University, Plant Pathologist (BIC **President**, 1988-97)
 Kenneth F. Grafton- North Dakota State University, Plant Breeder [Achievement Award]
- 1997 George Emery- Ferry Morse, Plant Breeder
 James D. Kelly- Michigan State University, Plant Breeder (BIC **President**, 1998-99)
 Steve Magnuson- Harris Moran, Plant Breeder
 David Nuland- University of Nebraska, Bean Extensionist
 Phillip Miklas USDA-ARS, Prosser, WA, Plant Geneticist [Achievement Award]
- 1999 James R. Baggett, Oregon State University, Plant Breeder
 James S. Beaver, University of Puerto Rico, Plant Breeder
 Phillip McClean North Dakota State University, Geneticist [Achievement Award]
 James Myers Oregon State University, Plant Breeder [Achievement Award]

CALL FOR BEAN DISEASE UPDATES & ILLUSTRATIONS

The American Phytopathological Society and APS Press are pleased to announce that a project has been initiated to update their popular 1991 publication entitled, *Compendium of Bean Diseases*, that was edited by Robert Hall. The second edition will be revised by the editorial board of Howard F. Schwartz – Colorado State University, James R. Steadman – University of Nebraska, and Robert Hall – University of Guelph; with input from numerous authors. The revised compendium must be submitted to APS Press prior to December 31, 2002 for review and publication.

The editors would like to extend an invitation to bean colleagues for input on updated information, reprints, and illustrations of bean diseases worldwide that could improve the content and coverage of the revised compendium. One of our goals for the revised compendium is to emphasize diagnostic aids, bean crop health, and Integrated Pest Management.

Please send any suggestions and materials by July 31, 2001 to:

Dr. Howard F. Schwartz, Senior Editor
 Dept. of Bioagricultural Sciences & Pest Management
 Colorado State University – Plant Science Bldg.
 Fort Collins, CO 80523-1177
 Tel: 970-491-6987 Fax: 970-491-3862 Email: hfspp@lamar.colostate.edu

BEAN RUST/BACTERIAL BLIGHT WORKSHOP

A workshop on bean rust and bacterial blight is being planned for Durban, South Africa for the first part of March, 2002. Please contact J.R. Steadman (jsteadman1@unl.edu), M.A. Pastor-Corrales (pastorm@ba.ars.usda) and M. Liebenberg (mml@opsl.agric.za) by June 15, 2001 if you are interested in attending.

INAUGURAL SYMPOSIUM ON GENOMICS, TRANSCRIPTOMICS AND PROTEOMICS OF *PHASEOLUS VULGARIS* was held in Cuernavaca Mexico March 2-3, 2001. A web site will be set up for interested scientists and the next meeting is planned for 2003 in Geneva, Switzerland.

2001 BIC/NAPIA MEETINGS IN FARGO, NORTH DAKOTA

The 2001 BIC/NAPIA meeting and associated meetings will be held Oct. 28 to Nov. 02 at the Ramada Plaza Suites, 1635 42nd. St. SW, Fargo, ND, 58103 [Ph. (701) 277-9000; FAX (701) 281-7145].

The Ramada Plaza Suites is tentatively holding a block of guest rooms for this conference. Both conventional rooms and two-room suites are available for the meeting if reserved by September 28, 2001. After this date, rooms will be returned to the hotel and room rates will be at non-negotiated rate. Also, in order to assure the negotiated rate, all reservations must be guaranteed. Any reservation not cancelled by 6:00 p.m. on the day of arrival will be charged to the guest and/or the organization who made the reservation. **Please make reservations directly with this hotel and be sure to mention that you are attending the BIC/NAPIA meeting.**

The Ramada Plaza Suites has guaranteed the following room rates for the dates of the meeting:

Conventional room - \$68.00 / night

Two-room suite - \$83.00 / night

Room rates are subject to applicable local and state taxes.

Check-in time at the Ramada Plaza Suites is after 3:00 p.m. Checkout time is 12:00 noon.

Registration information, fees, and meeting agenda will be made available to members and other interested individuals in subsequent mailings.

If any individual or group is interested in helping sponsor coffee breaks, publication costs associated with printing the Abstracts and Proceedings, and/or awards for outstanding student presentations, please contact the BIC president or the local arrangements committee. The local organizers for this meeting are: K. F. Grafton (701-231-8145; K_Grafton@ndsu.nodak.edu), J. B. Rasmussen (701-231-1027; jack_Rasmussen@ndsu.nodak.edu) Phil McClean (phone: 701-231-8443; FAX: 701-231-8474; email: phillip_mcclean@ndsu.nodak.edu); B. Henson (701-652-2951; bhenson@ndsuxext.nodak.edu), and L. del Rio (701-231-8362).

First Call for Papers for the BIC and NDBC

This is the first call to alert authors who desire to present oral or poster papers at the 2001 Biennial Meeting of the BIC and associated meetings. The deadline for receiving abstracts is **Friday, August 17, 2001**. Abstracts received after the August 17 deadline may be placed in the poster sessions as oral presentations times are filled. (Authors will be notified if this placement is necessary).

Oral presentations (1 only per registrant) will be limited to 15 minutes (10 minutes presentation, 5 minutes discussion); the time limit will be strictly enforced by the session chairperson. If we cannot accommodate all requests for oral presentations, the Program Committee reserves the right to move papers to the poster session.

Poster presentations must fit within an area of 48" X 48" and should contain an upper strip with title, author(s), and affiliation(s).

For BIC presentations only: A two-page (maximum) paper for publication in the BIC report including title and authors is requested for both oral and poster presentations. The paper should be delivered to conference organizers during the meeting. Papers will be organized into appropriate groups and the presenter will be notified of the presentation date and time before the meeting.

A standard 35-mm slide projector, an overhead projector, and an LCD projector with laptop to handle PowerPoint and Corel Draw presentations will be available for presentations. Those individuals making use of the LCD projector should send your presentation on diskette to: Ken Grafton, Department of Plant Sciences, North Dakota State University, Fargo, ND, 58105 or electronically (K_Grafton@ndsu.nodak.edu) by October 10. Please carry slides or overheads as back-up.

TENTATIVE AGENDA

Sunday, Oct 28	12:00 a.m. - 1:00 p.m. National American Pulse Improvement Association (NAPIA) Registration 1:00 p.m. - 5:00 p.m. NAPIA Meeting
Monday, Oct 29	8:00 a.m. - 5:00 p.m. NAPIA Oral presentations 6:00 p.m. - 9:00 p.m. Bean Rust Genetics Meeting
Tuesday, Oct 30	8:00 a.m. - 12:00 noon. NAPIA Meeting 7:30 a.m. - 9:00 a.m. BIC Coordinating Committee Breakfast 8:00 a.m. - 12:00 noon. BIC Registration 9:00 a.m. - 12:00 noon <i>Phaseolus</i> Crop Germplasm Committee 1:00 p.m. - 5:00 p.m. BIC/National Dry Bean Council Opening Session 7:00 p.m. - 9:00 p.m. BIC Genetics Committee Meeting
Wednesday, Oct 31	7:00 a.m. - 9:00 a.m. BIC Registration 8:30 a.m. - 3:00 p.m. BIC Oral presentations 3:30 p.m. - 5:00 p.m. BIC Poster presentations 6:00 p.m. BIC Awards Banquet and Mixer
Thursday, Nov 1	8:30 a.m. - 3:00 p.m. BIC Oral presentations 3:30 p.m. - 5:00 p.m. BIC Poster presentations 7:00 p.m. - 9:00 p.m. Bean/Cowpea CRSP Meeting
Friday, Nov 2	8:30 a.m. - 5:00 p.m. W-150 Regional Meeting

Registration Costs

	<i>Amount (\$US)</i>
Conference: <i>received by Sept. 1</i>	\$ 50 _____
<i>received after Sept. 1 -</i>	\$ 70 _____
One-day registration:	\$ 25 _____ day _____
Student registration: <i>received by Sept. 1</i>	\$ 25 _____
Awards Banquet:	\$ 25 _____
Total BIC Registration:	\$US _____

Method of payment: International Money order or Bank Draft (except: U.S. members, where checks will also be accepted): in \$US

Made out to: BIC – North Dakota State University

Mail to: Dr. Ken Grafton, Plant Science Dept. North Dakota State University, Fargo ND 58105

A final agenda and registration materials will be mailed to all BIC members in June/July.

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BEAN IMPROVEMENT COOPERATIVE - Financial Statement

BALANCE ON HAND JANUARY 1, 2000 5,363.10

INCOME CATEGORIES

Back Issues	159.00
BIC Meeting	2,814.86
Dues	4,858.83
Interest	<u>159.06</u>
Total Income Categories	7,991.75

EXPENSE CATEGORIES

Bank Charges	40.65
Office Supplies	102.88
Postage	2,300.00
Printing	<u>3,391.90</u>
Total Expense Categories	5,835.43

GRAND TOTAL 2,156.32

BALANCE ON HAND DECEMBER 31, 2001 7,519.42