

Dry Grain Pulses Collaborative Research Support Program (CRSP)
GLOBAL PULSE RESEARCHERS MEETING

February 13–17, 2012
Lemigo Hotel, Kigali, Rwanda

Papers/Presentations

Food Requirements of a Growing World- Strategies for Sustainable Intensification of Agriculture and the Role of Pulse Crops in Achieving Food and Nutritional Security . Dr. Paul Gepts, Department of Plant Sciences/Crop and Ecosystem Sciences, University of California- Davis and Director, Kirkhouse Fund Project for Eastern Africa.

Global Pulse Production and Price Trends- The Potential of Pulses to Achieve ‘Feed the Future’ Food and Nutritional Security Goals. Dr. Mywish Maredia, Department of Agriculture Food and Resource Economics, Michigan State University.

Increasing Utilization of Cowpeas to Promote Health and Food Security in Africa (PIII-TAMU-1). Dr. Joseph Awika.

Improving Nutritional Status and CD4 Counts in HIV-Infected Children through Nutritional Support (PIII-MSU-3). Maurice Bennink, Michigan State University.

The potential of modern science and technology to enhance pulse productivity through sustainable intensification of small-holder cropping-systems in Africa and Latin America. Dr. Bir Bahadur Singh, Department of Crop Science, Texas A&M University, USA.

Biological Foundations for Management of Field Insect Pests of Cowpea in Africa (PII-UIUC-1). Dr. Barry Pittendrigh, University of Illinois at Urbana-Champaign.

Improving Bean Production in Drought-Prone, Low Fertility Soils of Africa and Latin America – An Integrated Approach (PII-PSU-1). Dr. Jonathan Lynch, Pennsylvania State University.

Enhancing Biological Nitrogen Fixation of Leguminous Crops Grown on Degraded Soils in Uganda, Rwanda, and Tanzania (PIII-ISU-2). Mark E. Westgate, Iowa State University.

Cowpea Seed Systems and Dissemination of Seed of Improved Varieties in West Africa. Dr. Jeff Ehlers, University of California-Riverside.

Rapid Bean Technology Dissemination in Honduras, Guatemala, Nicaragua and Haiti. Dr. Luis Flores, Michigan State University.

Seed Systems as a Basis for Achieving Impacts from Research Investments in Bean and Cowpea Breeding. Dr. Byron Reyes.

Transforming Pulse Value Chains for the Benefit of Small-Holder Women Farmers in Sub-Saharan Africa and Latin America. Dr. Jill L. Findeis, Director of Division of Applied Social Sciences and Professor of Agricultural & Applied Economics, University of Missouri, USA.

Expanding Pulse Supply and Demand in Africa and Latin America: Identifying Constraints and New Strategies (PII-MSU-2). Dr. Richard Bernsten, Michigan State University.

Enhancing Nutritional Value and Marketability of Beans through Research and Strengthening Key Value Chain Stakeholders in Uganda and Rwanda (PII-ISU-1). Dr. Robert E. Mazur, Iowa State University.

Pulse Value Chain Initiative— Zambia (PIII-KSU-1). Dr. Vincent Amanor-Boadu, Kansas State University.

Strategic partnerships to achieve Feed the Future Research Goals- A USAID Perspective. Dr. Sahara-Moon Chapotin, Research Division, Office of Agriculture, Research and Technology, Bureau for Food Security, U.S. Agency for International Development, Washington.

CRP3.5 Grain Legumes—A new vision for grain legume research within the CGIAR. Dr. David Hoisington, Deputy Director General for Research, International Crops Research Institute for the Semi-Arid Tropics (ICRISAT), Patancheru, India.

Sustainable intensification of cereal-legume systems in East and Southern Africa- Strategies of the Southern Africa Community of Practice. Dr. Charles Riches, Liaison Scientist, Southern Africa Community of Practice, McKnight Foundation Collaborative Crop Research Program, University of Greenwich, United Kingdom.

Putting Nitrogen to work for small- holder legume farmers in Africa- An effort in international partnerships. Dr. Ken Dashiell, Project Manager, N2Africa, Nairobi, Kenya.

Capacities of U.S. universities that can benefit international research efforts on grain legumes— A collaborative research experience in biological management of cowpea insect pests in West Africa. Dr. Manuele Tamo, Entomologist, International Institute for Tropical Agriculture (IITA), Benin Station.

Phenotyping of common bean and cowpea- The need to exploit opportunities afforded by genomics. Dr. Steve Beebe, Head, Global Bean Program, Centro Internacional de Agricultura Tropical (CIAT), Colombia.

Modern Cowpea Breeding to Overcome Critical Production Constraints in Africa and the U.S. (PI-UCR-1). Philip Roberts, University of California-Riverside.

Development, Testing and Dissemination of Genetically Improved Bean Cultivars for Central America, the Caribbean and Angola (PI-UPR-1). Dr. James Beaver, University of Puerto Rico.

Combining Conventional, Molecular and Farmer Participatory Breeding Approaches to Improve Andean Beans for Resistance to Biotic and Abiotic stresses (PI-MSU-1). Dr. James Kelly, Michigan State University.

Rational for Convening Pulse Research Consultations. Dr. Irvin Widders, Director, Dry Grain Pulses CRSP, Michigan State University.

Enhancing Pulse Productivity on Problem Soils by Small-Holder Farmers- Challenges and Opportunities. Dr. Jonathan Lynch, Pennsylvania State University, August 14 – 17, 2011. Research recommendations.

Pulse Nutrition Research Consultation. Dr. Maurice Bennink, Michigan State University, December 5 - 6, 2011. Research recommendations.

Lessons Learned from Past Bean/Cowpea and Pulse CRSP Investments in Research- Refocusing and Positioning the CRSP to Achieve Development Outcomes that Benefit the Pulse Sector. Dr. Mywish Maredia, Impact Assessment Coordinator for Pulse CRSP, Michigan State University.

TMAC Review of Dry Grain Pulses CRSP and Perspectives on Future Directions for Research and Capacity Building. Dr. Douglas Maxwell, Chair, Technical Management Advisory Committee and Professor Emeritus, University of Wisconsin.

USAID Perspectives on Grain Legume Research Internationally and the Role of the Dry Grain Pulses CRSP in Achieving Feed the Future Research Objectives. Dr. Larry Beach, AOTR, Office of Agriculture, Research and Technology, Bureau of Food Security, USAID/ Washington.

Five-Year Extension of the Pulse CRSP- Program Evaluation, Future Research Vision, Preparation of Technical and Cost Applications, and Implementation. Dr. Irvin Widders, Director, Dry Grain Pulses CRSP, Michigan State University.

Reflections on Bean/Cowpea and Pulse CRSP Research Achievements and Impact on Common Bean Production and Utilization in Central America and Wisdom for the Future. Dr. Juan Carlos Rosas, Escuela Agricola Panamericana-Zamorano, Honduras.

Reflections on Bean/Cowpea and Pulse CRSP Achievements in Socio-Economic Research and Wisdom for the Future. Dr. Richard Bernsten, Michigan State University.

Reflections on Bean/Cowpea and Pulse CRSP Research Achievements in Genetic Improvement and Varietal Development in Common Bean and Wisdom for the Future. Dr. James Beaver, University of Puerto Rico.