



MAIZE CGIAR Research Program

Successful Proposals: 2013 Competitive Grants Initiative

Project Proposal	Institution	Principal Investigator
<i>Undertake ex ante impact assessment of maize mechanization options for sub-Saharan Africa.</i>	Royal Tropical Institute	Dr. Fred Zaal
<i>Gender analysis of small-scale farm power mechanization in maize-based systems in Africa to inform research for development implementation and strengthen the promotion of gender equality and women's empowerment.</i>	Royal Tropical Institute	Dr. Anouka van Eerdewijk
<i>Special study on gender equality in professional capacity enhancement in Research for Development of maize- and wheat based systems, with a specific view to identifying concrete avenues for empowering women professionals, through modified approaches to capacity strengthening.</i>	Royal Tropical Institute	Dr. Franz F. Wong
<i>Promotion of adoption of novel natural resource management practices (namely minimum and zero tillage and the integrated use of promiscuous soybean and dual purpose cowpea varieties in maize-based system) for sustainability gains under smallholder farms.</i>	Washington State University	Dr. John Reganold

<i>Promotion of adoption of novel natural resource management practices (namely minimum and zero tillage and the integrated use of promiscuous soybean and dual purpose cowpea varieties in maize-based system) for sustainability gains under smallholder farms.</i>	Instituto de Investigação Agrária de Moçambique	José Gabriel Carneiro Fagema
<i>Develop options/approaches for the sustainable intensification of maize-root systems of Central Africa.</i>	International Institute of Tropical Agriculture	Dr. Stefan Houser
<i>Develop an understanding of the insect-vector dynamics for effective management of Maize Lethal Necrosis (MLN) disease in eastern Africa (including identification of vectors endemic to eastern Africa that are capable of transmitting SCMV and MCMV, and determination of patterns of vector movement and disease development under natural conditions).</i>	International Center of Insect Physiology and Ecology	Dr. Sevgan Subramanian
<i>Develop an understanding of potential Maize Lethal Necrosis disease epidemiology in West and Central Africa (namely, determination of potential vectors and virus species and strains with potential for synergistic interaction with Maize Chlorotic Mottle virus).</i>	Federal University of Technology (FUT), Minnesota	Dr. M. T. Salaudeen
<i>Establish temperature thresholds for tropical maize for modeling and determination of hot spots of vulnerability to changing climates.</i>	University of Florida	Dr. John Erickson
<i>Identify/develop tar spot complex resistant maize germplasm in Central America and Colombia.</i>	INIFAP- campo experimental Centro de Chiapas	Dr. Eduardo R. Garrido Ramirez
<i>Identify/Optimize strategies for sustainable management of tar spot complex (TSC) of maize in Central America and Colombia.</i>	Universidad Autónoma de Chiapas (UNACH)	Dr. Ricardo René Quiroga-Madrigal



<i>Deploy elite Striga-tolerant maize germplasm in Uganda, Tanzania and Ethiopia.</i>	NACRRI, NASECO SEEDS (1996) Ltd, A2N	Dr. Lwanga Charles Kasozi
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	SEAN Seed Service Centre Limited (SSSC)	Mr. Damodar Poudyal
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	UNIVERSITY OF AGRICULTURAL SCIENCES, BANGALORE	Dr. H.C. Lohithaswa
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	G. B. Pant University of Agriculture & Technology, Pantnagar	Dr. Narendra Kumar Singh
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	University of Agricultural Sciences, Raichur	Dr. Prakash H. Kuchanur
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	Hariyali Community Seed Company Pvt. Ltd. Nepal/NARC	Dr. N.B. Dhami
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	Jullundur Pvt Limited	MR. Faisal Hayat
<i>Test and deploy new, stress resilient maize hybrids (derived through MAIZE CRP) in the rain-fed maize regions of South Asia.</i>	Orissa University of Agriculture & Technology, Bhubaneswar	Dr. Devraj Lenka