

Sorghum Millet and Other Grains CRSP Focus on Feed the Future

Leader with Associates Cooperative Agreement
No. EEP-A-00-06-00160



SEE THE
FEED CHANGE **FUTURE**



USAID
FROM THE AMERICAN PEOPLE

Focus

Sorghum, Pearl Millet and Other Grains

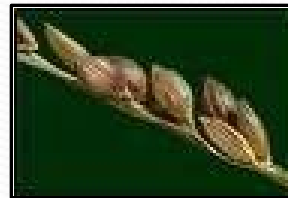
➤ Finger Millet (E. & Southern Africa)



➤ Tef (Ethiopia)



➤ Fonio (West Africa)



Technical Focal Areas

- Soil and water (environmental considerations)
- Integrated pest management
- Nutrition and health
- Broadening market access
- Mitigating post-harvest constraints
- Enhancing productivity and livelihood in marginal areas
- Increasing income
- Improving food quality, processing and safety
- Biodiversity
- Biotechnology
- Sustainable intensification

SEE THE
FEED CHANGE **FUTURE**

INTSORMIL 2012-2016:
Alignment with **FtF**

➤ **Country focus-**

Present in 15 **F t F** countries

SEE THE FEED CHANGE **FUTURE**

➤ Relevance to **F t F** Topics and Interests

Ag Productivity

Gender

Nutrition

Public/Private Partnerships

Poverty Reduction

Research

Trade/Markets

Risk/vulnerability



Relevance to **F t F** Goal and Key Objectives

Overarching goal: *“Sustainably reduce hunger and poverty by tackling their root causes and by employing strategies for lasting impact.”*

Key objectives:

- 1. Accelerating inclusive agricultural sector growth**
- 2. Improving nutritional status**

SEE THE FEED CHANGE **FUTURE**

❖ **Inclusive agricultural sector growth**

Improving agricultural productivity

Expanding markets and trade

Increasing economic resilience in vulnerable rural communities

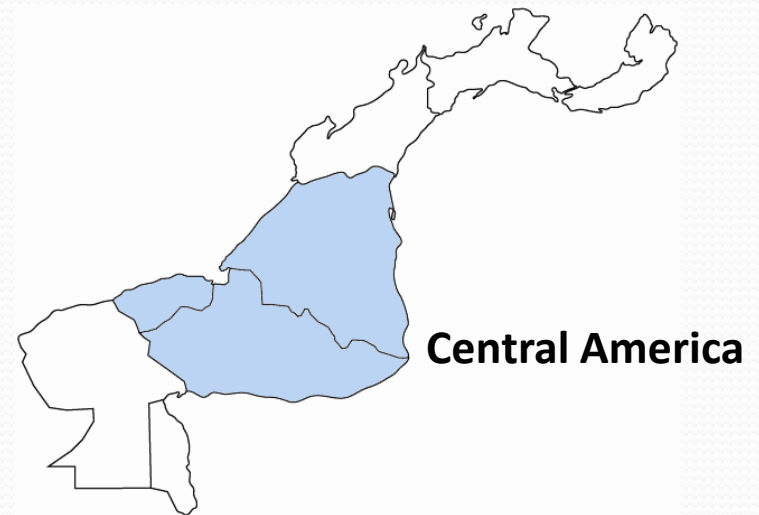
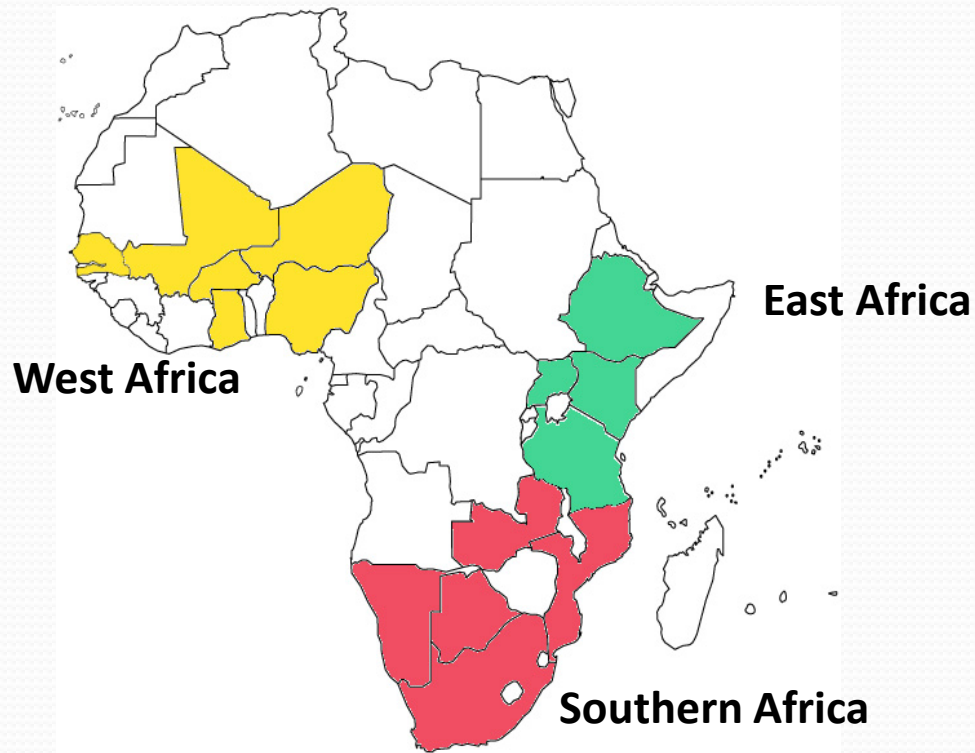
❖ **Improved nutritional status**

Vision

- Improve food security
- Enhance farm income
- Improve economic activity

In the major sorghum and pearl millet producing countries in Africa and Central America

INTSORMIL CRSP REGIONS



Major Objectives

- 1. Facilitate the growth of the rapidly expanding markets for sorghum and pearl millet**



2. Improve the food and nutritional quality of sorghum and pearl millet to enhance marketability and consumer health



3. Increase the stability and yield level of sorghum and pearl millet through crop, soil, and water management while maintaining or improving the natural resources of soil





4. Enhance the stability and yield of sorghum and pearl millet through the use of genetic technologies



5. Enhance global sorghum and pearl millet genetic resources and the conservation of biodiversity





6. Develop effective partnerships with national and international agencies engaged in the improvement of sorghum and pearl millet production and the betterment of people dependent on these crops





USAID
FROM THE AMERICAN PEOPLE

Participating U.S. Universities

University of Nebraska – ME

Texas A&M University

Ohio State University

Purdue University

West Texas A&M University

Kansas State University



USAID
FROM THE AMERICAN PEOPLE

National Program Network

Caribbean

Haiti -CHIBAS-Bioenergy

Central America

Costa Rica- INTA

El Salvador- CENTA

Guatemala- ICTA

Honduras- DICTA

Nicaragua- INTA

Panama- IDIAP



USAID
FROM THE AMERICAN PEOPLE

National Program Network

Southern Africa

Mozambique- IIAM

South Africa- Medical Research Council, Pretoria Univ., Free State Univ.

Zambia- ZARI, UNZA

Botswana- College of Agriculture

West Africa

Burkina Faso- INERA

Mali- IER

Niger- INRAN

Nigeria- Maidiguri Univ.

Senegal- ITA, ISRA-CNRA



USAID
FROM THE AMERICAN PEOPLE

National Program Network

East Africa

Ethiopia- EIAR, Axum University

Tanzania- Sokoine U., TFNC (Tanzania Food and Nutrition Center), MOA (Ministry of Agriculture)

Uganda- NARO

Key Elements of INTSORMIL Research

- **Training of developing-country and US scientists**
 - Training needs assessment to be conducted in 2013
- **Mutually beneficial partnerships:**
 - USG, LG universities, NGO's, private sector
 - Developing countries and USA
 - Small Entrepreneurs, Businesses, Value Added Endeavors
- **Generation and application of new knowledge and technologies**
- **Economically benefits developing countries and USA**



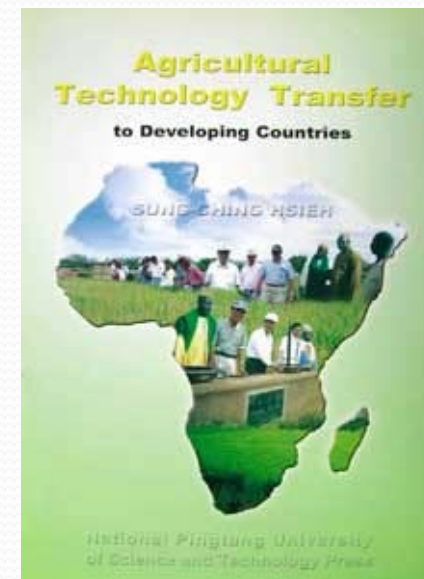
Discipline Projects

- **Genetics (Breeding/Biotechnology) – 4**
(Note: Pearl millet RFA to be released in 2012)
- **Economics & Marketing - 2**
- **Agronomy - 2**
- **Food Science - 3**
- **Entomology - 1**
- **Pathology – 1**

**All will emphasize Africa and sorghum/pearl millet.
Other grains research projects are dependent upon USAID
Mission funding.**

Regional Projects

- Southern Africa
- West Africa
- East Africa
- Central America





USAID
FROM THE AMERICAN PEOPLE