FOOD SECURITY IN AFRICA (FSA) COOPERATIVE AGREEMENT

between

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT

and

DEPARTMENT OF AGRICULTURAL ECONOMICS
MICHIGAN STATE UNIVERSITY

(Time period: January 1990 - November 1992)

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1. Cooperating Institutions:

A.I.D./Africa Bureau, Office of Analysis, Research and Technical Support; Food, Agriculture and Resource Analysis Division

USAID Missions and Collaborating Institutions:
- USAID/Yaoundé
  - Institut de Recherches Agronomiques (IRA)
  - National Cereal Research and Extension Project (NCRE)
  - Purdue University Bean/Cowpea CRSP team
  - Bean/Cowpea CRSP Management Office at Michigan State University.
- USAID/Nairobi
  - Kenya Agricultural Research Institute (KARI)
- USAID/Lilongwe
- USAID/Bamako
Researchers Involved:

Cameroon: Georges Dimithé, (IRA); James Sterns (MSU In-Country Researcher)
Kenya: Daniel Karanja, (KARI), David Makanda (IDS), Valentina Mazzucato (MSU/ISNAR)
Malawi: James Oehmke
Mali: Dr. Bino Témé, Abadou Diarre, Sidi Diallow, Mme. Bouré Assa Kanti, (IER/DPER); Duncan Boughton and Bruno Henry de Frahan (MSU In-Country Researchers)
Niger: Samba Ly, (INRAN); Valentina Mazzucato (ISNAR and MSU In-Country Researcher)
Uganda: Bernard Bashaasha, Elizabeth Balirwa, Godfrey Turiho-Habwe (MUFAF); Rita Laker-Ojok (MSU In-Country Researcher)
Zambia: George M. Chitalu, (RDSB), Sylvester M. Kalonge (MOAFF); Julie Howard (MSU In-Country Researcher)

MSU Campus Backstop: Drs. Jim Oehmke, Eric Crawford, Richard Bernsten, John Staatz, and Carl Eicher

Objective of the Research:

Critically review the literature on ex post and ex ante evaluation of agricultural research with emphasis on implications for Africa and methodologies applicable to Africa.

Assess the potential for application of current methodologies to evaluate African agricultural research.

Collaborate with staff of AFR/ARTS/FARA to select and design research programs in a number of African countries on the impacts of investments in agricultural research.

Undertake other selected activities to evaluate the effects of alternative investments in agricultural research.
4. **Research Approach:**

Following the review of literature and a workshop to discuss methods of choosing and undertaking the country studies, three countries (Kenya, Malawi, Mali) were chosen for Phase I studies, and four other countries (Cameroon, Niger, Uganda, Zambia) were chosen for Phase II studies. Short-term studies (five months or less) were conducted in Cameroon, Kenya (maize), Malawi, and Niger; long-term studies (twelve months or more) were conducted in Kenya (wheat), Mali, Uganda, and Zambia.

5A. **Outputs: Working Papers (General, and Grouped by Country)**

**General:**


Cameroon:


Kenya:


Malawi:


Mali:


Niger:


Uganda:


Zambia:


5B. Outputs: Dissertations and Theses


5C. Outputs: Seminars/Conferences

Briefings:

Briefings on the results of the impact studies were given to USAID Missions and local collaborating institutions by MSU in-country researchers in Cameroon (August 1991), Niger (June 1992), Uganda (July 1992), and Zambia (November 1992). Further briefings are scheduled for Kenya (January, 1993) and Uganda (January, 1993).

Overall:

Presented results of literature review at USAID-sponsored workshop on returns to agricultural research, Washington, DC, April 24-25, 1990.

Conducted workshop on issues and methods of assessing the impact of agricultural research, Dept. of Ag. Econ., MSU, June 1991.

