

Food Security III Cooperative Agreement Progress Report for FY2009

By Eric Crawford, Duncan Boughton, Cynthia Donovan, and Steven Longabaugh

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Bureau for Economic Growth, Agriculture and Trade's Office of Agriculture and Food Security,
in cooperation with the Africa Bureau Office of Sustainable Development

Acronyms

ACF	The Agricultural Consultative Forum (Zambia)
ACU	Accelerated Cassava Utilization (Zambia)
AFR/SD	Africa Bureau/Office of Sustainable Development
AID	Agency for International Development (US)
AOTR	Assistance Office Technical Representative
APCAM	Permanent Assembly of the Malian Chambers of Agriculture (Mali)
CA	Cooperative Agreement
CAADP	Comprehensive Africa Agriculture Development Programme
CFS	Crop Forecasting Survey of CSO (Zambia)
CFU/ZNFU	Conservation Farming Unit/Zambia National Farmers Union
COMESA	Common Market for Eastern and Southern Africa
CRSP	Collaborative Research Support Program
CSA	Commissariat à la Sécurité Alimentaire (Mali)
CSO	Central Statistical Office (Zambia)
DAI	Development Alternatives, Inc.
DfID	Department for International Development (UK)
ECOWAS	Economic Community of West African States
EGAT/AG	Office of Agriculture within the Economic Growth, Agriculture and Trade bureau in AID
FAO	Food and Agricultural Organization of the United Nations
FEWS NET	Famine Early Warning Systems Network
FRA	Food Reserve Agency (Zambia)
FSP	Fertilizer Support Programme
FSRP	Food Security Research Project
IER	Institut d'Economie Rurale (Mali)
IIAM	Instituto de Investigação Agrária de Moçambique
IPR/IFRA	Institut Polytechnique Rurale de Formation et de Recherche Appliquée (Mali)
LRP	Local/regional procurement
MACO	Ministry of Agriculture and Cooperatives (Zambia)
MATEP	Market Access, Trade, and Enabling Policies Programme (Zambia)
MINAG	Ministry of Agriculture (Mozambique)
MSU	Michigan State University
NEPAD	New Economic Partnership for Africa's Development
OMA	Observatoire du Marché Agricole (Mali)
PGP2	Shared Governance Through Decentralization Program
PHS	Post Harvest Surveys
PROMISAM	Projet de Mobilisation des Initiatives en Matière de Sécurité Alimentaire au Mali
SEA-level	Standard enumerations area level
SIDA	Swedish International Development Cooperation Agency
SIMA	Sistema De Informação De Mercados Agrícolas (Mozambique) Système d'Information des Marchés Agricoles (Mali)
TIA	Trabalho de Inquérito Agrícola (Mozambique)
USAID	U.S. Agency for International Development
USAID/DEC	USAID Development Experience Clearinghouse

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Introduction

The purpose of this report is to provide a brief overview of FS III activities for Fiscal Year 2009 (October 1, 2008 through September 30, 2009). The report covers highlights of the activities and accomplishments of the FS III Leader Award and Associate Awards, including a comparison of outputs versus work plan targets for the Leader Award.¹ The overview and accomplishments sections will be followed by Annexes that contain additional details on funding by award; project personnel; publications, presentations, and outreach/training workshops; and a guide to key FS III Web sites.

Other forms of reporting on FS III activities and accomplishments include: (a) regularly updated Web sites, including a site dedicated to administrative and management information (such as financial reports) accessible to the FS III AOTR, (b) regular MSU International Development Updates (covering publication, outreach and training activities) disseminated to USAID staff, (c) submission of results data through the annual EGAT and IEHA reporting spreadsheets, (d) regular submission of FS III publications to USAID/DEC; and (e) written and oral reporting at our annual joint FS III/USAID review and planning meetings in September/October;

Overview of Activities

The FS III Cooperative Agreement (CA) consists of a Leader Award and a set of Associate Awards. FS III is implemented by a group of faculty within the Department of Agricultural, Food and Resource Economics (AFRE). During 2009², the Leader Award was supported by \$500,000 in core funding³ from the Economic Growth, Agriculture and Trade Bureau of USAID. Functions of the Leader Award include overall management of the CA, support for obtaining new associate awards and managing existing ones, support for preparation of publications that synthesize insights gained from country and regional activities, and support for outreach activities, including maintenance of the Food Security III Web site.

Thematic areas addressed under the overall CA during 2009 were:

1. Agricultural Technology and Natural Resource Management
2. Growth-Enhancing Food System and Output Market Development
3. Strategies to Strengthen Foundations of Rural Growth, Poverty Alleviation and Structural Transformation
4. Understanding Vulnerability and Managing Food Aid for Long-Term Development
5. Strengthening Policy Research, Outreach, and Capacity Building, and Access to Training Materials

¹ Full details for the associate awards can be found in their quarterly and annual reports. See Annex 3.

² Henceforth, "2009" should be taken as referring to FY 2009.

³ This was FY 2008 money received in September 2008 and used for core support in FY 2009.

In 2009, associate awards were supported by USAID country missions in Mali, Mozambique and Zambia, and by the Africa Bureau of USAID. FS III project personnel are also involved in other international development research, training, and outreach projects managed through AFRE, some funded by USAID but not through Associate Awards, and some funded by other donors. The term “Food Security Group” refers to these faculty members and the larger set of projects, of which FS III is the cornerstone.

FS III Leader Award

Major activities under the Leader Award in 2009 included:

1. Core support for development of a new associate award with USAID/Mali, signed in December 2008.
2. Maintenance of and additions to a dedicated Web site set up to provide guidance to missions on program and policy responses to the food price crisis of 2007-2008 and continued high prices within many African countries during 2008-2009 (see <http://www.aec.msu.edu/fs2/responses/index.htm>).
3. Preparation of specific outputs identified in the work plan for completion in FY2009:
 - a. A policy brief summarizing lessons learned from the past 25 years of applied research, outreach and capacity-building by the MSU FSG. Originally scheduled for February 2009, a more lengthy working paper was produced in September 2009⁴ and discussed with AOTR Philip Steffen during his October 14-15, 2009, visit to MSU. A shorter policy brief was prepared in October 2009.⁵
 - b. A concept paper on the use of regional food market sheds as a tool for USAID and CAADP food security policy, planning, and investment priority setting. The paper was intended as a synthesis of knowledge about regional flows of staple foods in Eastern and Southern Africa. A paper on Eastern and Southern Africa was completed and circulated in September 2009.⁶ A planned extension of this work to West Africa was initiated and an outline of a paper discussed with USAID/EGAT staff on October, 13, 2009.
 - c. A paper reporting a cross-country analysis of the potential inter-generational impacts of HIV/AIDS through loss of child schooling following adult mortality. The paper was to add analysis of data from Mozambique to earlier work in Kenya. As of September 30, 2009, a draft report was being prepared. Results of this study⁷ were presented to AOTR Steffen during his October 2009 visit to MSU.

⁴ MSU Food Security Group (FSG). 2009. “Lessons Learned from 25 Years of Food Security Research, Capacity-Building, and Outreach,” Dept. of Agricultural, Food, and Resource Economics, Michigan State University, September. Available at: <http://www.aec.msu.edu/fs2/25-Years.pdf>. A slightly revised version is now also available as International Development Working Paper 101 at: <http://www.aec.msu.edu/fs2/papers/idwp101.pdf>.

⁵ MSU Food Security Group (FSG). 2009. “Lessons Learned from 25 Years of Food Security Research, Capacity-Building, and Outreach.” *Policy Synthesis* No. 84, October. Dept. of Agricultural, Food, and Resource Economics, Michigan State University. <http://www.aec.msu.edu/fs2/polsyn/number84.pdf>

⁶ Haggblade, Steven, Steven Longabaugh, and David Tschirley (2009). For detailed citation and Web link, see IDWP 100 in section I.B of Annex 3.

⁷ David Mather, “The Impact of Working-Age Adult Mortality on Child Schooling in Rural Mozambique,” Oct. 15, 2009.

Cross-cutting Outputs

During 2009, other cross-cutting reports and presentations were prepared, as follows.

- *Policy Synthesis* briefs and International Development Working Papers (see sections I.A and B of Annex 3).
- Reports and presentations on impacts of and responses to rising commodity prices (section I.C of Annex 3).
- Other cross-cutting outreach presentations (section I.D of Annex 3).

Africa Bureau Associate Award. *Support to COMESA and CAADP*

The purpose of this award is to mobilize the expertise and analytical resources of FS III personnel to support COMESA's efforts to implement CAADP Pillar 3⁸ activities at regional and country levels (promoting food and nutrition security and dealing with the challenges of the vulnerable and food-insecure populations). Specific objectives are to conduct applied research, policy analysis and outreach relevant to achieving Pillar 3 objectives, to participate in selected COMESA planning meetings, and to contribute to building the capacity of COMESA and its partner organizations to conduct policy analysis and policy dialogue.

In September 2009, a no-cost extension of the associate award was granted through February 2010. USAID/AFR staff invited a proposal for additional funding to cover activities through the remainder of FY2010. The intention is to submit this proposal by December 31, 2009.

Highlights of 2009 activities related to the above objectives include:⁹

1. Support for CAADP Compact Design and Implementation.

- a. Mr. Jan Nijhoff began his assignment as FSG Regional Coordinator in Zambia on January 5, 2009, with partial funding from the Africa Bureau Associate Award. Housed in the Investment Promotion and Private Sector Development Division of the COMESA Secretariat, Mr. Nijhoff has been working closely with COMESA's Senior Agricultural Advisor and CAADP Coordinator, Dr. Cris Muyunda, as well as with COMESA's appointed regional compact facilitator, FANRPAN, to lay the foundation for a regional CAADP compact. Mr. Nijhoff assisted FANRPAN in planning and conducting an initial stakeholder consultation during the ACTESA work plan meeting in May. Subsequently, together with Dr. Steve Haggblade, Mr. Nijhoff prepared a draft regional compact framework (Appendix 1 of the April – June 2009 Quarterly report; see Annex 3, section II.D.). Review of the draft framework occurred at the COMESA Ministers of Agriculture meeting in early September 2009.
- b. Mr. Nijhoff also provided support for the Zambia and Burundi country CAADP compact processes. In Zambia, revitalization of the CAADP Compact design process is at an advanced stage. Ministers of Agriculture, Finance, and Trade have been consulted, and support provided for a second phase of the compact roundtable

⁸ Pillar 3 addresses [increasing food supplies, reducing hunger and improving responses to food emergency crises](#).

⁹ For details, see the progress reports listed in Annex 3, section II.D, Administrative Reports.

process beginning in mid-2009. In Burundi, a stocktaking report was reviewed and the need for further analytical work was identified. The Government of Burundi signed its CAADP Compact in August 2009.

2. **Research in support of regional input and output market development.** Studies included the following:
 - a. *Regional trade in food staples:* (1) Comparison of maize price volatility in closed and open trade regimes (Outputs 5 and 6 in the Africa Bureau Associate Award work plan); (2) Explaining food staple market participation by sellers (Output 7).
 - b. *Integrating market analysis into the design of emergency response and social protection:* (1) Spatial analysis of net food buying households in Southern and Eastern Africa (Output 9); (2) Review of cash transfer experience in Sub-Saharan Africa (Output 8); and (3) Impacts of rising food and fertilizer prices on food security (Output 10).
 - c. *Fertilizer and related input market growth:* Cross-country study of fertilizer promotion programs (Kenya, Zambia, Malawi; Output 11).

Published outputs (including Outputs 6, 8, 9, 10, and 11) and major outreach activities resulting from the Africa Bureau Associate Award for 2009 are listed in Annex 3, section II. Outputs 5 and 7 are expected to be available in early FY 2010. It is worth noting that MSU research on these topics, and Output 10 in particular, was recently cited as highly useful by a private firm seeking investment opportunities in Zambia: “Specifically, the MSU research and website has been invaluable in helping us build an investment case and strategy for our prospective investment in African agriculture. Furthermore, ‘The 2008/09 Food Price and Food Security Situation in Eastern and Southern Africa’ . . . has been pivotal in supporting our case, to the Zambia government, for commitment to lift export restrictions.”¹⁰

Mali Associate Award. *PROMISAM—Phase II : Projet de Mobilisation des Initiatives en Matière de Sécurité Alimentaire au Mali*

This new FS III Associate Award represents the second phase of PROMISAM. Funded for three years (December 2008-November 2011), the project has four objectives: (i) further enhance and develop technical and analytical skills within the Malian food security commission (CSA) and related support agencies; (ii) assist Mali in implementing food security plans country-wide through the developing and testing of methods for monitoring plan implementation; (iii) help the Institut Polytechnique Rural de Formation et de Recherche Appliquée (IPR/IFRA) de Katibougou to develop an academic and practical curriculum to provide Malian-educated analysts with a range of skills relevant to ensuring food security; and (iv) provide technical support to the national team developing Mali’s NEPAD/CAADP report and national compact.

MSU implements the PROMISAM II project in partnership with the Malian Food Security Commission (CSA) and the Permanent Assembly of the Malian Chambers of Agriculture (APCAM). Other key collaborators include IPR/IFRA de Katibougou and the Institut d’Economie Rurale (IER – Mali’s national agricultural research institute). PROMISAM II

¹⁰ Karima Ola, Chayton Capital, personal communication, Nov. 4, 2009.

represents part of a larger portfolio of applied research, outreach and capacity-strengthening activities on food security implemented by MSU in Mali with funding from an array of sources, including USAID/Mali, USAID/WA, the Syngenta Foundation for Sustainable Agriculture, the William and Flora Hewlett Foundation, the Bill and Melinda Gates foundation, and ECOWAS. The non-USAID-funded work is complementary to that of PROMISAM II, thus leveraging USAID/Mali's funding.

Activities and accomplishments in relation to the four main objectives during 2009 included the following:

Objective 1: Enhancing the technical and analytical skills of the CSA and related support agencies

1. *National marketing strategy document:* In May 2009, at the request of the Food Security Commissioner, PROMISAM II organized a retreat of Malian experts to develop proposals for a new national cereals marketing strategy. The report that grew out of the retreat was delivered to the Commissioner in May, and in June she transmitted it to the Prime Minister.
2. *Analytic support to the CSA:*
 - a. In July, 2009, Nango Dembélé worked with the Observatoire du Marché Agricole (OMA) to implement a rapid reconnaissance study of cereal markets in the main surplus-producing areas. The results of the rapid reconnaissance survey are being used to produce the OMA Bulletin which is a key document used by the CSA and the Cabinet.
 - b. In July, in response to a request to the CSA from the President of Mali, Nango Dembélé, Salif Diarra (OMA) and Mme. Dicko (head of the CSA's marketing unit) carried out scenario analyses of possible market trends that could emerge during the annual hungry season and policy options under the different scenarios.
3. *Marketing studies:* With the CSA and the Institut d'Economie Rurale (IER), PROMISAM II has started two major studies on cereals marketing in Mali:
 - a. The first round of a study of farmers' cereals production and marketing strategies in three regions of the country was undertaken in collaboration with IER. This study, which is jointly financed by PROMISAM II and a grant to MSU from the Bill and Melinda Gates Foundation, aims at updating information from the 1980s (when the last comprehensive studies of this type were done in Mali) on farmers' marketing and household food security strategies.
 - b. PROMISAM II has hosted a guest graduate student, Nadège Mbomi, from the Institut des Régions Chaudes in Montpellier, France, who began field research in August to analyze the performance and impact of CSA's cereals banks.
4. *Training of CSA and CSA-affiliated staff in analytic and data management techniques:*
 - a. Two CSA staff participated in the June 17-18 methodological workshop on price transmission and calculation of import and export parity prices that MSU organized in Bamako under the Syngenta Foundation project.

- b. In August and September, OMA enumerators were trained on use of new programmable mobile phones for market data collection and transmission.
 - c. At MSU, John Staatz worked with a Hubert Humphrey Fellow from Haiti, Jean Claude Cenatus, to draft training materials in French on food policy analysis for use in training sessions with the CSA staff scheduled for FY2010.
 - d. In September, PROMISAM also supported work with the CSA to redesign its Web site. The new site will be launched in late 2009.
5. *Provision of computer equipment to the CSA and affiliated services.* In June, the project provided 22 desktop and 37 notebook computers, 10 printers, and assorted other equipment to the CSA. Unfortunately, a month later 18 notebook computers and a printer were stolen. Investigation by the Malian police has to date not led to apprehension of those responsible, or recovery of the equipment.

Objective 2: Helping develop methods for monitoring the implementation of local food security plans

The development of tools to monitor the implementation of the *commune*-level food security plans will be a joint activity between PROMISAM II, the USAID/Mali-funded PGP2 (Shared Governance Through Decentralization Program) and the new Peace Corps/Mali Food Security Program, with Peace Corps volunteers assisting with implementation monitoring. Once the tools have been tested for an initial set of 30 *communes*, PGP2 will extend the techniques to all 80 communes where PGP2 plans to work. Since 20 of these 30 communes are among the 166 most vulnerable communes being targeted by the Millennium Village Program (MVP), the monitoring methods developed by PROMISAM II, PGP2, and Peace Corps are likely to be incorporated into the MVP.

During the year, the following activities were taken to support this objective:

- Development of training materials for monitoring the programs.
- Joint planning with PGP2 and Peace Corps of the procedures to be followed and the choice of the 30 test *communes*.
- Establishment of a calendar to carry out the work in 2010.

Objective 3: Helping IPR/IFRA de Katibougou develop an academic and practical curriculum in Agricultural Economics and Food Policy Analysis

Campus- and Bamako-based project staff worked with IPR/IFRA colleagues to advance their initiative to launch an undergraduate and a master's program in agricultural economics and food policy.

- Support was provided to an IPR-led team to conduct a study on the supply and demand for agricultural economists in Mali and its implications for the design of the IPR Program, and to prepare a set of draft course programs.
- Project staff provided extensive comments on these materials prior to and during a Program Validation workshop held at IPR in July.

- Follow-up discussions were held with the IPR team and follow-up interviews were conducted with several agricultural and food processing firms in Bamako to assess their potential demand for graduates of the program.
- Based on the progress made during the validation workshop and follow-on consultations, IPR/IFRA plans to admit its first class into the undergraduate major in November 2009.

Objective 4: Providing technical support to Mali’s NEPAD/CAADP team

PROMISAM II staff assisted the Mali team to complete the design of its CAADP compact, which was signed early in FY 2010 (October 13, 2009). Non-USAID/Mali funding supported participation by MSU staff on a team advising ECOWAS on the preparation of the regional CAADP agricultural investment plan. This enabled the PROMISAM II staff to help the Malian team assure that its proposed national CAADP plan was consistent with the regional plan. PROMISAM II staff also succeeded in persuading Malian officials to harmonize and consolidate the CAADP planning process with a separate planning process, the Sectoral Review of Rural Development.

Other general project activities

- Participating in a USAID/EGAT-sponsored study of the rice value chain study in Mali in June and July, and in a subsequent on-line forum on West African rice value chains in August.
- Helping to design a special linkage between the Peace Corps Masters International Program in the College of Agricultural and Natural Resources at MSU and the Mali Peace Corps program. This linkage is motivated in part by a joint project involving the Peace Corps, USAID/Mali and USDA to support local food security planning. Development and monitoring of local food security plans has been a component of the PROMISAM project in which Peace Corps volunteers have been involved.
- Nango Dembélé served on the Scientific Commission of Mali’s National Council of Agricultural Research, which reviews the proposals for competitive research support submitted by researchers at Mali’s national agricultural research institute (IER) and IPR/IFRA. This activity makes an important contribution to the capacity and quality of the Malian agricultural research system.

Mozambique Associate Award. *Strengthening Mozambique’s Capacity for Agricultural Policy Analysis, Productivity, Growth and Poverty Reduction*

As the title of the project indicates, the focus of the project is on capacity strengthening in the Ministry of Agriculture (MINAG), with “twin goals ... to expand the availability of appropriate crop, livestock and natural-resource management technologies for smallholder farmers, and to accelerate the uptake of those technologies by strengthening policy institutions and market information services” (see: <http://www.aec.msu.edu/fs2/mozambique/index.htm>). To achieve these goals, the project works with the Directorate of Economics of MINAG and the national agricultural research institute (IIAM).

The combination of a broad mandate and major cuts in USAID mission funding made FY 2009 a challenging year for maintaining the quality and quantity of both training and research output. Project staff succeeded in developing alternative sources of funding from the Millennium

Challenge Corporation, the USAID/EGAT-funded Dry Grain Pulses CRSP, and Re-SAKSS. Despite these budget difficulties, there were notable accomplishments. Consistent with the approved work plan for 2009, the project emphasized (1) analysis to support increased productivity and supply response, (2) monitoring of food price transmission in domestic markets, and (3) building human capacity within and institutional linkages among key units at the Ministry of Agriculture.

MSU project staff made key behind-the-scenes contributions to agricultural policy and strategy during 2009. For the draft Strategic Plan for the Agricultural and Livestock Sectors (PEDSA), advice was provided to the Director of Economics on how to revise the strategy to make it consistent with the CAADP pillars. MSU contributed critical information for the PEDSA revision through the first Agricultural Public Expenditure review, guiding the data collection process and undertaking spatial analysis. An analysis of the determinants of smallholder crop income identified the need for investments in market information systems, animal traction, and crop diversification, which all demonstrated significant positive impacts on household income. The government has included these aspects in the PEDSA. MSU project staff also assisted in the revision of IIAM's agricultural research strategy, and an update of the draft investment plan in line with the revised strategy is planned for FY2010. Other contributions to policy reform included:

- Project research and dialogue made a significant contribution to reform of the cotton sector. The government made cotton concessions (geographical monopsonies) contestable by cancelling all existing concessions and re-negotiating them on seven-year renewable terms. This policy issue has been debated for the past eight years, but was eventually resolved based on the findings of the Africa cotton competitiveness study in which Mozambique took part as a direct result of the FS III associate award. Also, analysis of the potential impact of Bt cotton varieties encouraged the Mozambique Cotton Institute to apply for testing of Bt varieties.
- The government has renewed and increased its commitment of resources (financial and human) to market information systems (SIMA), especially at headquarters. SIMA staff responded to the food price crisis with analysis and policy recommendations. Now, provincial directorates are following suit, requesting resources to create local SIMA units.
- The national agricultural survey data (TIA) are being used more and more in policymaking at both central and provincial levels. The PEDSA document contains a section dedicated to agricultural statistics and the need to continue improving them, as demand has been created in part through project efforts. The government conducted provincial presentations on the agricultural household surveys, and has created demand for greater development of local systems for information on the agricultural sector.
- Investments in the agricultural research institute's Center for Socio-economic Studies are also showing clear returns, as researchers and their partners see the usefulness of profitability analysis of technology, value chain studies, and other analytical output that can help orient technology design and diffusion. Poultry production was identified as a key activity for poverty reduction after a project-funded M.S. thesis demonstrated the high returns to investment in Newcastle disease vaccination programs, both for smallholder farmers and for the economy as a whole.

Zambia Associate Award.¹¹ *Food Security Research Project (FSRP)*

The objectives of the Zambia project, as stated in the Annual Narrative Report (October 1, 2008 to September 30, 2009), are “. . . to contribute to effective policy dialogue, capacity building, and ultimately an improved agricultural policy environment in Zambia, through collaboration with government and the private sector. The FSRP aims to achieve these objectives through in-service capacity building, applied analysis, and policy outreach.”

Consistent with its mandate, the FSRP achieved progress in (a); improving the quality of government policy discussions, thereby sowing the seeds for future improvements in the policy environment, (b) achieving concrete policy changes and (c) building the capacity of public agricultural entities which will also have long-term payoffs for Zambian agriculture. Specific achievements are as follows:¹²

1. Support for concrete policy change.

- a. *Cotton value chain.* FSRP has remained engaged on a practical policy level and has continued to utilize its research results to contribute towards eventual enactment of the revised Cotton Act.
- b. *Maize value chain.* Working closely with public and private stakeholders, FSRP continued to actively engage high-level policy makers and provide timely research notes on maize marketing and trade issues in Zambia and the region at large. Examples:
 - i. At the request of the Minister of Agriculture and Cooperatives (MACO) and the Food Reserve Agency (FRA), FSRP providing guidance on the setting of the FRA’s maize producer price for the 2009/10 season, which was ultimately accepted. FSRP was able to persuade government not to accept the substantially higher price being advocated by the national farm lobby, which would have created a number of adverse consequences.
 - ii. In 2009, the Zambian Government eliminated taxes on maize being transported across district boundaries, consistent with earlier FSRP policy guidance.
 - iii. The Central Statistical Office (CSO) agreed to the major methodological changes proposed by the Agricultural Consultative Forum (ACF)/FSRP to the Crop Forecast survey and announcement of the National Food Balance. ACF/FSRP led the process of technical review featuring meaningful public/private sector cooperation.
 - iv. ACF/FSRP organized a High Policy Level dialogue meeting with ministers at Protea Lodge in Chisamba on August 15, 2009. Among other issues, maize marketing and trade policy in Zambia were discussed.

¹¹ This section covers the Zambia Food Security Research Project, funded by USAID/Zambia, and two related projects that form an integrated whole with FSRP: (a) funding from SIDA to support local currency costs of FSRP activities, and (b) the Market Access, Trade, and Enabling Policies (MATEP) Project, led by DAI with MSU as a subcontractor.

¹² For details, see the Food Security Research Project – Zambia, Annual Narrative Report (October 1, 2008 to September 30, 2009); http://www.aec.msu.edu/fs2/zambia/FSRP_2008_2009_Annual_Report.pdf

- c. *Fertilizer industry.* ACF/FSRP helped elevate Fertilizer Support Programme reform as a high-level policy issue. Support from ACF/FSRP was central to helping organize a stakeholder Study Tour and to raising the public profile of the debate over needed reforms to the program. Outreach activities carried out to highlight this issue resulted in the government announcing specific reforms for the 2009/10 agricultural season as follows:
 - i. Increasing the number of beneficiaries from 200,000 to 534,000, implying acceptance of the project's recommendation to reduce fertilizer pack size.
 - ii. Reducing the amount of fertilizer given to farmers from eight 50-kg bags to four 50-kg bags.
 - iii. Creating camp (extension area) agricultural committees that involve chiefs and religious leaders, in order to improve distribution transparency.
 - iv. Changing the program name from Fertilizer Support Programme (FSP) to Farmers Input Support Programme (FISP).
- d. *Cassava value chain.* Research and outreach on cassava, and support to the Task Force on Accelerated Cassava Utilization (ACU) during this and prior years, have been aimed at strengthening private sector commercialization of cassava and gaining broad-based input into planning by various stakeholders. The ACU Task Force met with the new Minister of Agriculture to brief him on key issues pertaining to cassava production and marketing in Zambia and how the government can help improve this value chain.
- e. *ACF/FSRP linkage activities:*
 - i. Facilitation of stakeholder involvement in GRZ Agriculture Budget Review. By bringing empirical analysis to bear on budget trends and implications for agricultural sector development and conducting outreach on these issues, ACF/FSRP raised the level of public debate regarding agricultural sector budgetary priorities.
 - ii. Livestock Sector Planning. Work started with key stakeholders to review problems and begin dialogue on ways to improve the livestock sector performance. This has included using Supplemental Survey and Crop Forecast information to develop the first survey-based estimate of livestock population in Zambia.
- f. *Horticultural value chain.* For the third year, FSRP collected data on wholesale trade flows and retail and wholesale prices. A rich database has been created on tomato, rape and onion entering the main wholesale market in Lusaka (Soweto) and on wholesale/first seller and retail price observations for these commodities.

2. Capacity building.

- a. The FSRP Team provided technical support to the MACO and CSO Crop Forecasting Survey (CFS) data-cleaning team. This exercise helped the team to appreciate the need for treating data collection and cleaning as a process/chain that requires all links to be strengthened.

- b. FSRP assisted 3 MACO Policy and Planning staff to generate more accurate estimates of Zambia's human consumption, industrial utilization, and stock levels for food grains and tubers. In addition, FSRP helped this unit to prepare a supply and demand estimation worksheet for food grains and tubers (the so-called food balance sheet) that calculates estimated surpluses or deficits for the various commodities.
- c. FSRP provided technical assistance to the discussion that resulted in CSO and MACO reviewing the weighting procedures for the CFS crop estimates.
- d. FSRP was requested by MACO and CSO to train new staff to use SPSS software for data cleaning and analysis. In September, FSRP conducted 2 SPSS training courses.

ANNEX 1

Food Security III Cooperative Agreement: Funding by Award, FY2009

FS III Leader Award

\$500,000 in FY 2008 funds provided in September 2008 for use in FY 2009

Africa Bureau Associate Award

\$391,000 in FY 2008 funds provided in September 2008 for use in FY 2009

Mali Associate Award

\$75,000 provided in December 2008 and \$1,425,000 provided in April 2009

Mozambique Associate Award

\$200,000 provided in December 2008 for use in FY 2009

Zambia Associate Award

\$1,099,122 in FY 2008 funds provided in September 2008 for use in FY 2009

ANNEX 2

FS III Project Personnel

U.S.-based faculty (primary FS III associate award focus indicated in parentheses)

Duncan Boughton, Co-Director (AFR, Malawi, Mali, Mozambique)

Eric Crawford, Co-Director (AFR, Malawi, Mali, Zambia)

Cynthia Donovan (AFR, Mozambique)

Steven Haggblade (AFR, Zambia)

Thom Jayne (AFR, Malawi, Zambia)

Valerie Kelly (Malawi, Mali)

Steve Longabaugh (support for Leader and all associate awards)

David Mather (AFR, Mozambique)

Robert Richardson (Zambia)

John Staatz (Mali)

Dave Tschirley (AFR, Zambia)

Africa-based faculty

Antony Chapoto (Zambia)

Nango Dembele (Mali)

Boubacar Diallo (Mali)

Jones Govereh (Zambia)

Gilead Mlay (Mozambique)

Jan Nijhoff (AFR, Zambia)

Ellen Payongayong (Mozambique)

Michael Weber (Zambia; returned to campus in June 2009)

FS III Business Office Staff

Kay Barber

Lori Garza

Rosie Kelly

Xiao-Zhen Li

Cathy Snider

Other FS III Support Staff

Margaret Beaver (survey design, analysis, data management, training; core and associate awards)

Patricia Johannes (document production; core)

FS III Graduate Research Assistants

James Allen IV (EGAT)

Amadou Diallo (Mali)

Ana Fernandez-Martinez (Zambia)

Joey Goeb (AFR)

Natalie Lenski (EGAT)

Ben Magen (AFR)

Abdoul Murekezi (Mali)

Hunter Nielson (Zambia)

Christina Plerhoples (Zambia)

Jacob Ricker-Gilbert (AFR)

Mariam Sako (Mali)

Kirimi Sindi (EGAT)

Alda Tomo (Mozambique)

ANNEX 3

Publications, Presentations, Outreach/Training Workshops, FY 2009

Journal article and book/book chapter publications are listed first, followed by other publications and presentations attributable to the FS III leader award and associate awards.

Note: Some publications and presentations are cross-referenced and appear more than once.

Journal Articles

- Chitundu, Maureen, Droppelmann, Klaus, Haggblade, Steven J. 2009. "Intervening in Value Chains: Lessons from Zambia's Task Force on Acceleration of Cassava Utilisation." *Journal of Development Studies* 45 (4): 593-620. <http://www.tandf.co.uk/journals/titles/00220388.asp>
- Dorosh, P., Dradri, S., Steven Haggblade. 2009. "[Regional trade, government policy and food security: Recent evidence from Zambia](#)". *Food Policy* 34: 350-366.
- Xu, Z., Guan, Z., Jayne, T.S. and Black, R. 2009. "[Factors influencing the profitability of fertilizer use on maize in Zambia](#)." *Agricultural Economics* 40: 437-446.
- Xu, Z., Burke, W. J., Jayne, T.S., and J. Govereh. 2009. "[Do Input Subsidy Programs 'Crowd in' or 'Crowd out' Commercial Market Development? Modeling Fertilizer Demand in a Two-Channel Marketing System](#)." *Agricultural Economics* 40: 79-94.
- Dembele, Niama N., Moussa, Cissé, Roger, Blein. 2008. "La transmission des prix internationaux sur les prix des céréales dans le Sahel." *Grain de Sel, Revue d'Inter Réseaux Développement rural* (43): 14-16. December. www.inter-reseaux.org

Books/Book Chapters

- Baffes, John, Tschirley, David L., Gergely, Nicolas. 2009. Pricing Systems and Prices Paid to Growers. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.
- Boughton, Duncan H., Poulton, Colin. 2009. Cotton Research. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.
- Estur, Gerald, Poulton, Colin, Tschirley, David L. 2009. Quality Control. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.
- Poulton, Colin, Labaste, Patrick, Boughton, Duncan H. 2009. Yields and Returns to Farmers. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.
- Poulton, Colin, Tschirley, David L. 2009. A Typology of African Cotton Sectors. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.

- Staatz, John M., Boughton, Duncan H., Donovan, Cynthia. 2009. Food Security in Developing Countries. In *Critical Food Issues: Problems and State-of-the-Art Solutions Worldwide*, eds. Laurel Phoenix and Lynn Walter, Westport, CT. Praeger Publishers.
- Tschirley, David L., Colin Poulton, and Patrick Labaste (Eds.). 2009. *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*. Washington D.C.: The World Bank.
- Tschirley, David L. 2009. Input Credit and Extension. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.
- Tschirley, David L. 2009. Introduction. In *Organization and Performance of Cotton Sectors in Africa: Learning From Reform Experience*, eds. David L. Tschirley, Colin Poulton, and Patrick Labaste, Washington D.C.: The World Bank.
- Tschirley, David L., Minde, Isaac, Boughton, Duncan H. 2009. “Contract Farming in Sub-Saharan Africa: Lessons from cotton on what works and under what conditions.” ReSAKSS Issue Briefs March. <http://www.resakss.org/>

I. FS-III Leader Award (Core)

A. Policy Syntheses

- **Number 83.** [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from Malawi, Zambia, and Kenya](#). Isaac Minde, T.S. Jayne, Eric Crawford, Joshua Ariga, and Jones Govereh. October 2008. (DEC reference number PN-ADN-386). [Note: this FY09 output was inadvertently included in the FY08 annual report.]

B. International Development Working Papers

- **IDWP 100.** [Spatial Patterns of Food Staple Production and Marketing in South East Africa: Implications for Trade Policy and Emergency Response](#). Steven Haggblade, Steven Longabaugh, and David Tschirley. Michigan State University. September 2009.
- **IDWP 99.** [Characteristics Associated with Prime-Age Mortality in Eastern and Southern Africa: Evidence from Zambia and Kenya](#). Antony Chapoto, T.S. Jayne, L. Kiriimi, and S. Kadiyala. Michigan State University. September 2009.
- **IDWP 98.** [Are Staple Foods Becoming More Expensive for Urban Consumers in Eastern and Southern Africa? Trends in Food Prices, Marketing Margins, and Wage Rates in Kenya, Malawi, Mozambique, and Zambia](#). Nicole Mason, T.S. Jayne, Cynthia Donovan, and Antony Chapoto. Michigan State University. June 2009. (DEC reference number pending)
- **IDWP 97.** [The 2008/09 Food Price and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer Run Responses](#). T.S. Jayne, Antony Chapoto, Isaac Minde, and Cynthia Donovan. Michigan State University. 2008. (DEC reference number PD-ACO-149)
- **IDWP 96.** [Can Cash Transfers Promote Food Security in the Context of Volatile Commodity Prices? A Review of Empirical Evidence](#). Benjamin Magen, Cynthia Donovan, and Valerie Kelly. Michigan State University. 2009. (DEC reference number PD-ACO-128)

- **IDWP 95** [Agricultural Statistics in Sub-Saharan Africa: Differences in Institutional Arrangements and their Impacts on Agricultural Statistics Systems. A Synthesis of Four Country Case Studies](#). Valerie Kelly and Cynthia Donovan. October 2008. (This is the complete paper comprising the 5 components listed below.) (DEC reference number pending)
 - [Overview](#)
 - [Appendix 1. Agricultural Statistics in Zambia](#)
 - [Appendix 2. Agricultural Statistics in Mali](#)
 - [Appendix 3. Agricultural Statistics in Mozambique](#)
 - [Appendix 4. Agricultural Statistics in Rwanda](#)

C. Impacts of and Responses to Rising Commodity Prices (Reports and Presentations)

C.1 Impacts of and responses to rising commodity prices

Presentations

- [Exploring the Logic Behind Southern Africa's Food Crises](#). T.S. Jayne and David Tschirley. Presented at the Symposium on The Food and Financial Crisis and their Impacts on Achievement of the Millennium Development Goals in Africa. Institute for African Development. Cornell University. May 2, 2009.
- [The 2008/09 Food Pricing and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer-Run Responses](#). T. Jayne, A. Chapoto, I. Minde, and C. Donovan. Presentation at African Agricultural Markets Policy Workshop Sponsored by the Common Market for Eastern and Southern Africa (COMESA). Nairobi, Kenya, December 11, 2008.

Reports

- [The Reality of the Price Rises: Food Price Dynamics in Mozambique and Policy Implications](#). Anabela Mabota, António Paulo, Argentina Balate, Cynthia Donovan, Danilo Abdula, Gilead Mlay and Olanda Bata. June. Flash #50. (Portuguese)
- [The 2008/09 Food Price and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer Run Responses](#). T.S. Jayne, Antony Chapoto, Isaac Minde, Cynthia Donovan. International Development Working Paper #97. Michigan State University. November 7, 2008. (Also listed under I.B)
- [Food Crises and Food Markets: Implications for Emergency Response in Southern Africa](#). David Tschirley and T.S. Jayne. MSU IDWP #94. 2008. (Also listed under I.B)

C.2 Building longer-run food security while managing food crises

Presentations (also listed under D. Other Cross-Cutting Outreach Contributions)

Reports

- [Can Cash Transfers Promote Food Security in the Context of Volatile Commodity Prices? A Review of Empirical Evidence.](#) Benjamin Magen, Cynthia Donovan, and Valerie Kelly. MSU IDWP 96, Michigan State University. 2009.

C.3 Fertilizer subsidies

Reports

- [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from Malawi, Zambia, and Kenya.](#) Isaac Minde, T.S. Jayne, Eric Crawford, Joshua Ariga, and Jones Govereh. ReSAKSS Working Paper No. 13. November 2008.

C.4 Contributions of regional food staples market development and trade to improving price stability and food security

Presentations

- [Recent Work on Food Staple Markets and Regional Trade.](#) David Tschirley. Presented at the “Eastern Africa Regional Meeting Global Food Security Response”. USAID Mission, Nairobi, March 18-20, 2009.

C.5 Trends in agricultural production, marketing, and prices

Presentations

- [Are staple foods becoming more expensive for urban consumers in eastern and southern Africa?](#) N. Mason, T. Jayne, C. Donovan and A. Chapoto. Presentation at the Symposium on Food and Financial Crises and Their Impacts on the MDGs in Africa. Institute for African Development. Cornell University, May 2, 2009.

D. Other Cross-Cutting Outreach Contributions

- Staatz, John M., D. Boughton and C. Donovan. [Food Security in Developing Countries.](#) Ag Econ Staff Paper 2009-03. April 2009.
- [A Test of the New Variant Famine Hypothesis: Panel Survey Evidence from Zambia.](#) N. Mason, T. S. Jayne, A. Chapoto, and R. Myers. Presented at the XXVII International Conference of Agricultural Economists, Beijing Conference Center, China, August 21, 2009.

- [Agricultural Trade Flows in Southern Africa: Do Regional Preferential Trade Agreements make a Difference?](#) G. Tembo and T. S. Jayne. Presented at the XXVII International Conference of Agricultural Economists, Beijing Conference Center, China, August 20, 2009.
- [Do Fertilizer Subsidies Affect the Demand for Commercial Fertilizer? An Example from Malawi.](#) J. Ricker-Gilbert and T.S. Jayne. Presented at the XXVII International Conference of Agricultural Economists, Beijing Conference Center, China, August 2009. Beijing.
- [Can Bt Technology Reduce Poverty Among African Cotton Growers? An Ex Ante Analysis of the Private and Social Profitability of Bt Cotton Seed in Mozambique.](#) Pitoro, Raul, Walker, T., Tschirley, D., Swinton, S., Boughton, D. and de Marrule, H. Presented at the XXVII International Conference of Agricultural Economists, Beijing Conference Center, China, August 2009. Beijing.
- [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from the COMESA Region.](#) T. Jayne, S. Rashid, N. Minot, S. Kasule. COMESA African Agricultural Markets Programme Policy Conference Livingstone, Zambia. June 15-16, 2009.
- [Measuring the impacts of trade barriers and market interventions on maize price instability: Evidence from Eastern and Southern Africa.](#) A. Chapoto and T. S. Jayne. Presentation at the Regional Consultation Workshop on “The Use and Impact of Trade and Domestic Policy Interventions on Cereal Value Chain Stakeholders in Eastern and Southern Africa.” Dar es Salaam, Tanzania, June 3-4, 2009.
- [Improving the Performance of Staple Markets to Exploit the Productive Potential of Smallholder Agriculture.](#) T. S. Jayne, A. Chapoto, and B. Shiferaw. Plenary presentation at Conference on Agricultural Markets, organized by the CGIAR system and Alliance for a Green Revolution in Africa (AGRA), May 13-15, 2009. Nairobi, Kenya.
- [Modernizing Africa’s Fresh Produce Supply Chains without Rapid Supermarket Takeover: Towards a Definition of Research and Investment Priorities.](#) David Tschirley, Milton Ayieko, Munguzwe Hichaambwa, Joey Goeb, and Wayne Loescher. Presented at the Conference on Agricultural Markets, organized by the CGIAR system and Alliance for a Green Revolution in Africa (AGRA), May 13-15, 2009. Nairobi, Kenya.
- [Are staple foods becoming more expensive for urban consumers in eastern and southern Africa?](#) N. Mason, T. Jayne, C. Donovan and A. Chapoto. Presentation at the Symposium on Food and Financial Crises and Their Impacts on the MDGs in Africa. Institute for African Development. Cornell University, May 2, 2009.
- [The Role of Cash Transfers in Sub-Saharan Africa.](#) Benjamin Magen and Cynthia Donovan. African Studies Brown Bag Presentation. Michigan State University. April 30, 2009.
- [Can Cash Transfers Promote Food Security in the Context of Volatile Commodity Prices?](#) B. Magen and C. Donovan. Presentation for EGAT and Africa Bureau Staff, USAID Ronald Reagan Building, Washington, DC, April 23, 2009.
- [Local and Regional Food Aid Procurement: Successes and Challenges as LRP Moves into its Second Generation.](#) D. Tschirley. Presentation for EGAT and Africa Bureau Staff, USAID Ronald Reagan Building, Washington, DC, April 23, 2009.
- [Local and Regional Food Aid Procurement Successes and Challenges as LRP Moves into its Second Generation.](#) David Tschirley. Panel on “Opportunities: Local and Regional Procurement”. International Food Aid Conference. Kansas City, MO. Wednesday, April 8, 2009.

- [Recent Work on Food Staple Markets and Regional Trade](#). David Tschirley. Presented at the “Eastern Africa Regional Meeting Global Food Security Response”. USAID Mission, Nairobi, March 18-20, 2009.
- [Selected Thoughts on Retail Modernization in Africa With Special Reference to Zambia](#). David Tschirley. Presented at University of Pretoria. 16 March 2009.
- [Exploring the Logic Behind Southern Africa’s Food Crises](#). David Tschirley. Presented at University of Pretoria. March 16, 2009.
- [Comparative Analysis of Price Behavior in Fresh Tomato Markets With Special Reference to Zambia](#). Mukwiti Mwiinga and David Tschirley. Prepared for conference on “Socio-Economic research in vegetable production and marketing in Africa’. Nairobi, Kenya. March 5-6, 2009.
- [Discussion of session on: How, Where and When Agriculture Can Be Used to Address Chronic Poverty](#). Thom Jayne. Conference on Escaping Poverty Traps. Washington, DC. February 26-27, 2009.
- [Chronic Poverty Analytics](#). David Tschirley. “Discussion group meeting on chronic poverty analytics: identifying the potentially productive poor and designing programs to reach them”. Sponsored by Africa Bureau. USAID/AFR Washington, D.C. February 12, 2009.
- [Regional Trade in Food Staples: Stimulating Agricultural Growth and Improving Food Security in Eastern and Southern Africa](#). Steven Haggblade. Michigan State University. Presented to USAID Washington. January 13, 2009.
- [The 2008/09 Food Pricing and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer Run Responses](#). T. Jayne, A. Chapoto, I. Minde, and C. Donovan. USAID Africa Bureau seminar on Agricultural Markets. Washington, D.C., January 13, 2009.
- [The 2008/09 Food Pricing and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer-Run Responses](#). T. Jayne, A. Chapoto, I. Minde, and C. Donovan. Presentation at African Agricultural Markets Policy Workshop Sponsored by the Common Market for Eastern and Southern Africa (COMESA). Nairobi, Kenya, December 11, 2008.
- [Rising World Food Prices and their Implications for Food Security Policy in Southern Africa](#). Thomas Jayne, Antony Chapoto, Isaac Minde, Cynthia Donovan and Femi Olubude-Awosola. Presentation made by Dr. Isaac Minde at the Southern Africa Regional Conference on Agriculture. Grand Palm Hotel, Gaborone, Botswana. December 8-9, 2008.
- [Potential for Intra-Regional Maize Trade in Southern Africa: An Analysis For Zambia at the Sub-National Level](#). Steven Haggblade, Thomas Jayne, David Tschirley and Steve Longabaugh. Presented by M.T. Weber. Michigan State University – Food Security Group. Presentation at the SADC Southern Africa Regional Conference on Agriculture. Grand Palm Hotel, Gaborone, Botswana, December 8-9, 2008.
- [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from Malawi, Zambia, and Kenya](#). Isaac Minde, T.S. Jayne, Joshua Ariga, Jones Govereh, and Eric Crawford. Presentation at the Southern Africa Regional Conference on Agriculture “Theme: Agriculture-led Development for Southern Africa: Strategic Investment Priorities for Halving Hunger and Poverty by 2015”. Grand Palm Hotel, Gaborone, December 8-9, 2008.
- [Tourism and Wildlife Conservation in Africa: Measuring the Impacts to Rural Households](#). Robert B. Richardson and Ana Fernandez. Department of Agricultural, Food and Resource Economics (AFRE) Brown Bag Seminar Series. November 18, 2008.

- [Rising World Food Prices and the Political Economy of Food in Eastern and Southern Africa](#). T. Jayne, A. Chapoto, I. Minde, and C. Donovan. Presentation at Michigan State University. Center for the Advanced Study of International Development, CASID. Women and International Development (WID) Program, Center for Gender in Global Context. November 7, 2008.

E. Training Materials

- [Data Preparation and Analysis](#). Margaret Beaver and Rick Bernsten. June 2009.

II. Africa Bureau Associate Award. *Support to COMESA and CAADP*

A. Research Papers (also listed above under Section I or Journal Articles)

- Dorosh, P., Dradri, S., Steven Haggblade. 2009. [“Regional trade, government policy and food security: Recent evidence from Zambia”](#). *Food Policy* 34: 350–366. **(Output 6** in the AFR Associate Award work plan.)
- [Spatial Patterns of Food Staple Production and Marketing in South East Africa: Implications for Trade Policy and Emergency Response](#). Steven Haggblade, Steven Longabaugh, and David Tschirley. MSU IDWP 100, Michigan State University. September 2009. **(Output 9)**
- [Can Cash Transfers Promote Food Security in the Context of Volatile Commodity Prices? A Review of Empirical Evidence](#). Benjamin Magen, Cynthia Donovan, and Valerie Kelly. MSU IDWP 96, Michigan State University. 2009. **(Output 8)**
- [The 2008/09 Food Price and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer Run Responses](#). T.S. Jayne, Antony Chapoto, Isaac Minde, Cynthia Donovan. MSU IDWP 97. Michigan State University. December, 2008. **(Output 10)**
- [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from Malawi, Zambia, and Kenya](#). Isaac Minde, T.S. Jayne, Eric Crawford, Joshua Ariga, and Jones Govere. ReSAKSS Working Paper No. 13. November 2008. **(Output 11)**

B. Policy Briefs (may also be listed under Section I)

- [Bringing the Poor into a Growth Agenda. What Role for Africa’s Rural Nonfarm Economy?](#) Steven Haggblade. Background Paper for Agriculture and Lands. African Ministers Meeting, April 2009. (DEC reference number pending).

C. Presentations

- [Measuring the impacts of trade barriers and market interventions on maize price instability: Evidence from Eastern and Southern Africa](#). A. Chapoto and T. S. Jayne. Presentation at the Regional Consultation Workshop on: “The Use and Impact of Trade and Domestic Policy Interventions on Cereal Value Chain Stakeholders in Eastern and Southern Africa”. Dar es Salaam, Tanzania, June 3-4, 2009.
- [Guiding Investments in Sustainable Agricultural Markets in Africa \(GISAMA\)](#). Jan Nijhoff. Presentation made at ACTESA Work Plan Meeting. Livingstone, May 21-22, 2009.

- [Improving the Performance of Staple Markets to Exploit the Productive Potential of Smallholder Agriculture](#). T. S. Jayne, A. Chapoto, and B. Shiferaw. Plenary presentation at Conference on Agricultural Markets, organized by the CGIAR system and Alliance for a Green Revolution in Africa (AGRA), May 13-15, 2009. Nairobi, Kenya.
- [Modernizing Africa's Fresh Produce Supply Chains without Rapid Supermarket Takeover Towards a Definition of Research and Investment Priorities](#). David Tschirley, Milton Ayieko, Munguzwe Hichaambwa, Joey Goeb, and Wayne Loescher. Presented at the Conference on Agricultural Markets, organized by the CGIAR system and Alliance for a Green Revolution in Africa (AGRA), May 13-15, 2009. Nairobi, Kenya.
- [Can Cash Transfers Promote Food Security in the Context of Volatile Commodity Prices?](#) B. Magen and C. Donovan. Presentation for EGAT and Africa Bureau Staff, USAID Ronald Reagan Building, Washington, DC, April 23, 2009.
- [Local and Regional Food Aid Procurement: Successes and Challenges as LRP Moves into its Second Generation](#). D. Tschirley. Presentation for EGAT and Africa Bureau Staff, USAID Ronald Reagan Building, Washington, DC, April 23, 2009.
- [Recent Work on Food Staple Markets and Regional Trade](#). David Tschirley. Presented at the "Eastern Africa Regional Meeting Global Food Security Response". USAID Mission, Nairobi, March 18 – 20, 2009.
- [Chronic Poverty Analytics](#). David Tschirley. USAID/AFR. Washington, D.C. February 12, 2009.
- [Regional Trade in Food Staples: Stimulating Agricultural Growth and Improving Food Security in Eastern and Southern Africa](#). Steven Haggblade. Presented to USAID Washington. January 13, 2009.
- [The 2008/09 Food Pricing and Food Security. Situation in Eastern and Southern Africa: Implications for Immediate and Longer Run Responses](#). T. Jayne, A. Chapoto, I. Minde, and C. Donovan. USAID Africa Bureau seminar on Agricultural Markets. Washington, D.C., January 13, 2009.
- [The 2008/09 Food Pricing and Food Security Situation in Eastern and Southern Africa: Implications for Immediate and Longer-Run Responses](#). T. Jayne, A. Chapoto, I. Minde, and C. Donovan. Presentation at African Agricultural Markets Policy Workshop, Nairobi, Kenya, December 11, 2008. Sponsored by the Common Market for Eastern and Southern Africa (COMESA)
- [Rising World Food Prices and their Implications for Food Security Policy in Southern Africa](#). Thomas Jayne, Antony Chapoto, Isaac Minde, Cynthia Donovan and Femi Olubude-Awosola. Presentation at Southern Africa Regional Conference on Agriculture. December 8-9, 2009. Grand Palm Hotel, Gaborone, Botswana
- [Potential for Intra-Regional Maize Trade in Southern Africa: An Analysis For Zambia at the Sub-National Level](#). Steven Haggblade, Thomas Jayne, David Tschirley and Steve Longabaugh. Presented by M.T. Weber. SADC Southern Africa Regional Conference on Agriculture Gaborone, Botswana. December 8-9, 2008.
- [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from Malawi, Zambia, and Kenya](#). Isaac Minde, T.S. Jayne, Joshua Ariga, Jones Govereh, and Eric Crawford. Southern Africa Regional Conference on Agriculture, "Theme: Agriculture-led Development for Southern Africa: Strategic Investment Priorities for Halving Hunger and Poverty by 2015." Grand Palm Hotel, Gaborone, December 8-9, 2008.

D. Administrative Reports

- Michigan State University Food Security III, USAID Africa Bureau Associate Award, Applied Research and Outreach in support of CAADP in the COMESA Region, [Progress Report April 2009 - June 2009](#). August 10, 2009.
- Michigan State University Food Security III, USAID Africa Bureau Associate Award Applied Research and Outreach in support of CAADP in the COMESA Region, [Progress Report, October 2008 - March 2009](#). April 14, 2009.

III. Mali Associate Award. *PROMISAM—Phase II: Projet de Mobilisation des Initiatives en Matière de Sécurité Alimentaire au Mali*

A. Research Papers (none to date)

B. Working Papers (none to date)

C. Presentations

- [“Quels sont les objectifs d’un système efficace de commercialisation? Présentation introductive à l’atelier de réflexion sur la commercialisation des céréales au Mali.”](#) John Staatz. Atelier organisé par le Commissariat à la Sécurité Alimentaire et MSU-PROMISAM II avec l’appui financier de l’USAID/Mali. Bamako, le 1er avril 2009.
- [“Evolution de l’organisation de la commercialisation des céréales au Mali.”](#) Abdoulaye Kah, Niama Nango Dembele, Abdramane Traore, John Staatz, et Boubacar Diallo. Atelier organisé par le Commissariat à la Sécurité Alimentaire et MSU-PROMISAM II avec l’appui financier de l’USAID/Mali. Bamako, le 1er avril 2009.
- [World Food Crisis and Policy Response in Mali](#). Niama Nango Dembélé, John Staatz, Abdramane Traoré and Duncan Boughton. Michigan State University (MSU) Mali Food Security Team Discussion with USAID/Mali Bamako, February 13, 2009.

D. Administrative Reports

- [Quarterly Activity Report](#), June, 2009—August, 2009.
- [Quarterly Activity Report](#), March, 2009—May, 2009.
- [Quarterly Activity Report](#), December, 2008—February, 2009.

IV. Mozambique Associate Award. *Strengthening Mozambique's Capacity for Agricultural Policy Analysis, Productivity, Growth and Poverty Reduction*

A. Flash

- [Início Antecipado da Campanha de Comercialização de Milho, Feijões e Mandioca: Preços Altos Caracterizam a Campanha de Comercialização de 2007/08.](#) Por Equipe Técnica do SIMA. Revisto em 21 Fevereiro 2009.

B. Research Reports

IIAM

- [Prospects for BT Cotton In Mozambique.](#) Raul Pitoro, Tom Walker, David Tschirley, Scott Swinton, Duncan Boughton, and Higino de Marrule. IIAM-DFDTT Research Report No. 5E. June 2009.

MINAG

- RP 67: [Measuring the Impact of Public and Private Assets on Household Crop Income in Rural Mozambique, 2002-2005.](#) D. Mather. July 2009.
- [Are Staple Foods Becoming More Expensive for Urban Consumers in Eastern and Southern Africa? Trends in Food Prices, Marketing Margins, and Wage Rates in Kenya, Malawi, Mozambique, and Zambia.](#) Nicole Mason, T.S. Jayne, Cynthia Donovan, and Antony Chapoto. IDWP 98. June 2009.
- RP 66: [Household Income and Assets in Rural Mozambique, 2002-2005: Can Pro-Poor Growth Be Sustained?](#) David Mather, Benedito Cunguara, and Duncan Boughton. December 2008.

C. Policy Presentations

MINAG

- [Food Prices Swings: the Case of Mozambique.](#) Helder Zavale, Anabela Mabote, Antonio Paulo, Cynthia Donovan and Gilead Mlay. Presented at the FAO Workshop on: Policies for the Effective Management of Food Prices Swings in African Countries, held in Maputo, June 23-24, 2009.
- [Aplicação dos Dados do TIA.](#) G. Mlay. Apresentação na Reunião Nacional de Planificação Namaacha, 28-30 de Abril de 2009.
- [Measuring the impacts of trade barriers and market interventions on maize price instability: Evidence from Eastern and Southern Africa.](#) A. Chapoto and T. S. Jayne. Presentation at the Regional Consultation Workshop on: "The Use and Impact of Trade and Domestic Policy Interventions on Cereal Value Chain Stakeholders in Eastern and Southern Africa". Dar es Salaam, Tanzania, June 3-4, 2009.
- [Trabalho de Inquérito Agrícola 2007 \(TIA\).](#) Ministério da Agricultura. Presentation made at USAID Maputo. December 4, 2008.

V. Zambia Associate Award. *Food Security Research Project (FSRP)*

A. Policy Syntheses

- [Access To Land And Poverty Reduction In Rural Zambia: Connecting The Policy Issues](#). T. S. Jayne, Ballard Zulu, Gear Kajoba and M. T. Weber. Number 34, September 2009.
- [The Impacts of Wildlife Conservation Policies on Rural Household Welfare in Zambia](#). Ana Fernandez, Robert B. Richardson, David Tschirley, and Gelson Tembo. Number 33, September 2009.
- [Factors Influencing the Profitability of Fertilizer Use on Maize in Zambia](#). Z. Xu, Z. Guan, T.S. Jayne, and Roy Black. Number 32, February 2009. (DEC reference number PN-ADP-622)

B. Research Reports

- [Wildlife Conservation in Zambia: Impacts on Rural Household Welfare](#). Ana Fernandez, Robert B. Richardson, David Tschirley, and Gelson Tembo. Working Paper No. 41. September 2009.
- [Characteristics Associated with Prime-Age Mortality in Eastern and Southern Africa: Evidence from Zambia and Kenya](#). Antony Chapoto, T.S Jayne, L. Kiriimi, and S. Kadiyala. International Development Working Paper #99. Michigan State University. September 2009.
- [Fostering Agricultural Market Development in Zambia](#). Gelson Tembo, Antony Chapoto, Thomas Jayne, and Michael Weber. Working Paper No. 40. July 2009. (DEC reference number pending)
- [Factors Influencing the Profitability of Fertilizer Use on Maize in Zambia](#). Zhiying Xu, Zhengfei Guan, T.S. Jayne, and Roy Black. Working Paper No. 39. Lusaka, Zambia. June 2009. (DEC reference number PN-ADP-622)
- [Are Staple Foods Becoming More Expensive for Urban Consumers in Eastern and Southern Africa? Trends in Food Prices, Marketing Margins, and Wage Rates in Kenya, Malawi, Mozambique, and Zambia](#). Nicole Mason, T.S. Jayne, Cynthia Donovan, and Antony Chapoto. IDWP 98. June 2009.
- [Effects of Maize Marketing and Trade Policy on Price Unpredictability in Zambia](#). Antony Chapoto and T.S. Jayne. Working Paper No. 38. June 2009. (DEC reference number pending)
- [Methodology for Two Weighting Applications for the 2008 Zambia Supplemental Survey](#). David J. Megill. Working Paper No. 37. April 2009. (DEC reference number PD-ACO-141)
- [Trends and Spatial Distribution of Public Agricultural Spending in Zambia: Implication for Agricultural Productivity Growth](#). Jones Govereh, Emma Malawo, Tadeyo Lungu, Thom Jayne, Kasweka Chinyama and Pius Chilonda. Working Paper No. 36. February 2009. (DEC reference number PD-ACO-140)
- [Potential for Intra-Regional Maize Trade in Southern Africa: an Analysis for Zambia at the Sub-National Level](#). Steven Haggblade, Thomas Jayne, David Tschirley and Steven Longabaugh. Working Paper No. 35. November 2008. (DEC reference number PD-ACO-139).
- [Access to Land, and Poverty Reduction in Rural Zambia: Connecting the Policy Issues](#). T.S. Jayne, Ballard Zulu, Gear Kajoba, and M.T. Weber. Working Paper No. 34. October 2008. (DEC reference number pending).

- [Assessment of Alternative Maize Trade and Market Policy Interventions in Zambia](#). Jones Govereh, T.S. Jayne and A. Chapoto. Working Paper No. 33. October, 2008. (DEC reference number PN-ADN-055).

C. Policy Presentations

- [Creation of a Public/Private Partnership Marketing Institution](#). Chance Kabaghe. Presented at the 5th Annual General Meeting of the ACF. Pamodzi Hotel, Lusaka. September 24, 2009.
- [The Impact of Wildlife Conservation on Rural Welfare in Zambia](#). Robert B. Richardson, Ana Fernandez, and David Tschirley. Presented at the U.S. Society for Ecological Economics. June 1, 2009.
- [Agricultural Trade Flows in Southern Africa: Do Regional Preferential Trade Agreements make a Difference?](#) G. Tembo and T. S. Jayne. Presented at the XXVII International Conference of Agricultural Economists, Beijing Conference Center, China, August 20, 2009.
- [A Test of the New Variant Famine Hypothesis: Panel Survey Evidence from Zambia](#). N. Mason, T. S. Jayne, A. Chapoto, and R. Myers Presented at the XXVII International Conference of Agricultural Economists, Beijing Conference Center, China, August 21, 2009.
- ACF/FSRP Agriculture Policy Dialogue with High Level Government Officials. Protea Lodge, Chisamba, Lusaka, Zambia. August 14-15, 2009.
 1. [Proposed Reforms of the Fertiliser Support Programme](#). Hyde Hantuba.
 2. [CAADP Zambia – So Near and Yet So Far](#). Jan Nijhoff.
 3. [Public Agriculture Expenditure](#). Jones Govereh.
 4. [Marketing and Trade in Food Staples](#). Chance Kabhage.
- [Discussing the 2009 National Budget for Zambian Agriculture](#). Antony Chapoto. Stakeholder meeting on the Tax and Non-Tax Policy Proposals for the 2010 National Budget. July 23, 2009.
- [Cotton Sector Regulation in Zambia. A Preliminary Case Study](#). David Tschirley, Stephen Kabwe. Presented at “Virtual Workshop on Cotton Sector Regulation in Africa” sponsored by the World Bank. June 29, 2009.
- [Agricultural Consultative Forum \(ACF\) and Food Security Research Project \(FSRP\) News: Information on the Fertilizer Support Programme \(FSP\) Review 2009](#). ACF and FSRP. June 2009.
- [Measuring the impacts of trade barriers and market interventions on maize price instability: Evidence from Eastern and Southern Africa](#). A. Chapoto and T. S. Jayne. Presentation at the Regional Consultation Workshop on: “The Use and Impact of Trade and Domestic Policy Interventions on Cereal Value Chain Stakeholders in Eastern and Southern Africa”. Dar es Salaam, Tanzania, June 3-4, 2009.
- [Coming Policy Attractions – An Overview of On-Going Research and Potential Outreach](#). Presentation for Discussion at a Meeting of Donor Cooperating Partners and The ACF/ FSRP Research/Outreach Team. By the ACF/FSRP Team. ACF Offices, June 2, 2009.
- [Presentation on how to prepare cassava cheese bread](#). M.T. Weber. May 23, 2009.
- [Modernizing Africa’s Fresh Produce Supply Chains without Rapid Supermarket Takeover Towards a Definition of Research and Investment Priorities](#). David Tschirley, Milton Ayieko, Munguzwe Hichaambwa, Joey Goeb, Wayne Loescher. Presented at the Conference on Agricultural Markets, organized by the CGIAR system and Alliance for a Green Revolution in Africa (AGRA), May 13-15, 2009. Nairobi, Kenya.

- Comments and Handouts to Inform Discussion of Rural and Urban Food Security Issues in Zambia. By The ACF/FSRP Research/Outreach Team, Presented by Michael Weber and Hyde Haantuba. Presentation at a Meeting to Introduce the EU Food Facility for Rapid Response the Soaring Food Crisis- Chrismar Hotel, May 6, 2009.
 - [Comments to Inform Discussion of Rural and Urban Food Security Issues. Powerpoint presentation.](#)
 - [Characteristics of Small and Medium-Scale Crop-Growing Households in Zambia: Preliminary Comparison of Results from CSO/MACO/FSRP National-Level Supplemental Surveys in 2003/04 and 2007/08 Crop Marketing Seasons.](#) Tadeyo Lungu, Antony Chapoto, Margaret Beaver and Michael Weber. (Draft for Review, May 4, 2009). Handout 1.
 - [Are Staple Foods Becoming More Expensive for Urban Consumers in Eastern and Southern Africa? Trends in Food Prices, Marketing Margins, and Wage Rates in Kenya, Malawi, Mozambique and Zambia.](#) N. Mason, T. Jayne, C. Donovan and A. Chapoto. (Draft for Review, April 24, 2009) Handout 2.
- [Are staple foods becoming more expensive for urban consumers in eastern and southern Africa?](#) N. Mason, T. Jayne, C. Donovan and A. Chapoto. Presentation at the Symposium on Food and Financial Crises and Their Impacts on the MDGs in Africa. Institute for African Development. Cornell University. May 2, 2009 (also listed under I.D)
- [Exploring the Logic Behind Southern Africa's Food Crises.](#) T.S. Jayne and David Tschirley. Presented at the Symposium on The Food and Financial Crisis and their Impacts on Achievement of the Millennium Development Goals in Africa. Institute for African Development. Cornell University. May 2, 2009 (also listed under I.C)
- Testimony to the Parliamentary Committees on Agriculture and Lands on Performance of the Fertiliser Support Programme in Zambia. Hyde Haantuba and Nawiko Masiye, Agricultural Consultative Forum, and Antony Chapto and Michael Weber, Food Security Research Project. National Assembly, Parliament Building, Lusaka. April 22, 2009.
 - Written Submission - 1) [On Fisheries](#); and 2) [On Performance of the Fertiliser Support Programme](#)
 - Oral Presentation - [On Performance of the Zambian Fertiliser Support Programme](#)
- [The Evolution of the Cotton and Textile Industry in Zambia.](#) Stephen Kabwe. A presentation at ICAC Research Associate Program, Washington DC, April 10, 2009.
- [Fostering Agricultural Market Development in Zambia.](#) Gelson Tembo, Antony Chapoto, T.S. Jayne and Michael Weber. Presented at the Zambia National Symposium, Harnessing the Potential of Agriculture to Meet the Increasing Demands from a Growing Population. Held at the University of Zambia, Lusaka, Zambia. April 7-8, 2009.
- [Beyond Fire Fighting To Using Information for Strategic Planning and Decision Making: Opportunities and Challenges in MACO to Use Information for Longer-Term Policy and Programme Formulation and Impact Improvement.](#) Tadeyo Lungu and Michael Weber. Agricultural Consultative Forum/Food Security Research Project. MACO Participatory Self Assessment Workshop, Ibis Garden. March 18-19, 2009.

- ACF/FSRP Sharing Evidence-Based Research Results with the Parliamentary Committee on Agriculture and Lands: Selected Policy Background Information Towards More Effective GRZ and Private Sector Investment to Reduce Rural Poverty and Improve Food Security. Ibis Garden, Chisamba Area, February 20-21, 2009.
 - [Agenda](#)
 - Radio News Summary on Proposed Fertilizer Reforms: Sunday, February 22, 2009 (ZNBC Radio 4 - ZNBC Four). To listen: [Download MP3 file\(2MB\)](#)
 - [Background Information on the Rural Smallholder Farm Sector: What Does Empirical Information Tell Us About Maize Sector Productivity and Related Agricultural Input Use.](#) Antony Chapoto and Michael Weber.
 - [Categorisation Tables: Small and Medium-Scale Household Income and Other Characteristics By Quintile of Household Per-Capita Land Use - 2004](#)
 - [Effective Public-Private Coordination in Zambia’s Cotton Sector: Deliberation on the Revised Cotton Act.](#) Stephen Kabwe, FSRP.
 - [Strengthening the Cotton Act of 2005.](#) The Cotton Working Group
 - [Study Team Report on Proposed Reforms of the Zambian Fertiliser Support Programme \(FSP\).](#) Coillard Hamasimbi, ZNFA
 - [Voucher Programme Presentation.](#) Mark Woods, Rob Munro, Brett and Brent Magrath.
 - [Draft Report on Proposed Reforms for the Zambian Fertilizer Support Programme.](#) The Fertiliser Review Team
 - [Public Agriculture Spending: Trends and Key Trade-offs.](#) Jones Govereh
 - [Trends and Spatial Distribution of Public Agricultural Spending in Zambia: Implication for Agricultural Productivity Growth-Draft for Review.](#) Jones Govereh, Emma Malawo, Tadeyo Lungu, Thom Jayne, Kasweka Chinyama and Pius Chilonda. Draft for Review. 2009.
- [Discussing the 2009 National Budget for Zambian Agriculture.](#) ACF/FSRP Research Staff. Presentation by Antony Chapoto and Michael Weber, Agricultural Consultative Forum Annual Stakeholders Breakfast Budget Workshop, Pamodzi Hotel, Lusaka, Zambia. February 4, 2009.
- [Background Materials to Support the Feb 4, 2009 Budget Analysis Presentation: Small and Medium-Scale Household Income and Other Characteristics by Quintile of Household Per-Capita Land Use - 2004.](#) Tadeyo Lungu, Augustine Mutelekesha, Antony Chapoto, Margaret Beaver and Michael Weber.
- [Resource Materials - Zambia Agricultural Fertilizer Programme Study Tour: Gaining Insights From On-Going Reforms in Malawi, Kenya and Tanzania.](#) By ACF/FSRP
- [Potential for Intra-Regional Maize Trade in Southern Africa: An Analysis For Zambia at the Sub-National Level.](#) Steven Haggblade, Thomas Jayne, David Tschirley and Steve Longabaugh. Presented by M.T. Weber. Michigan State University – Food Security Group. Presentation at the SADC Southern Africa Regional Conference on Agriculture. Grand Palm Hotel, Gaborone, Botswana, December 8-9, 2008.
- [Promoting Fertilizer Use in Africa: Current Issues and Empirical Evidence from Malawi, Zambia, and Kenya.](#) Isaac Minde, T.S. Jayne, Joshua Ariga, Jones Govereh, and Eric Crawford. Presentation at the Southern Africa Regional Conference on Agriculture “Theme: Agriculture-led Development for Southern Africa: Strategic Investment Priorities for Halving Hunger and Poverty by 2015”. Grand Palm Hotel, Gaborone, December 8-9, 2008.

- [Information Toward Goals of Poverty Reduction, Food Security, Enhanced Productivity and Income Growth for Small-scale Farmers in Zambia – Opportunities and Challenges.](#)
ACF/FSRP Presentation By Tadeyo Lungu, Augustine Mutelekesha, Antony Chapoto, Margaret Beaver and Michael Weber. MACO/SIDA ASP Old and New Workshop, Chrismar Hotel, Lusaka. December 2-3, 2008.
- [Zambian Smallholder Farmer/Household Categorization Activity. Draft Set of Tables - December 1, 2008.](#) ACF/FSRP by Tadeyo Lungu, Augustine Mutelekesha, Antony Chapoto, Margaret Beaver and Michael Weber. Handout to accompany MACO/SIDA ASP presentation.
- [Tourism and Wildlife Conservation in Africa: Measuring the Impacts to Rural Households.](#)
Robert B. Richardson and Ana Fernandez. Department of Agricultural, Food and Resource Economics (AFRE) Brown Bag Seminar Series. November 18, 2008.
- [Zambia Agricultural Policy: Finding a Balance Between Public Facilitation and Private Sector-Led Growth.](#) Jones Govereh and Michael Weber. Food Security Research Project. Presentation, Mini-Workshop on Agricultural Policy in Zambia, Chrismar Hotel, October 7, 2008.

D. Administrative Reports

- Annual Narrative Report [2008/09](#)

ANNEX 4

Key FS III Web Sites

FS III Cooperative Agreement:

- Main page: <http://aec.msu.edu/fs2/fs2obj.htm>
- Administrative site for internal and FS III AOTR use (requires password):
<http://aec.msu.edu/fs2/mgt/3170-core/index.cfm>

Food Security Group: <http://aec.msu.edu/fs2/index.htm>

High prices—issues and responses: <http://aec.msu.edu/fs2/responses/index.htm>

Africa Bureau Associate Award: <http://aec.msu.edu/fs2/afr/index.htm>

Mali Associate Award Phase II: http://www.aec.msu.edu/fs2/promisam_2/index.htm

Mali Associate Award Phase I: http://aec.msu.edu/fs2/mali_fd_strtgy/index.htm

Mozambique Associate Award: <http://aec.msu.edu/fs2/mozambique/index.htm>

Zambia Associate Award: <http://aec.msu.edu/fs2/zambia/index.htm>

Publications: See the “FSG Campus-Based Activities and Publication Directories” section of the Food Security Group Web page (shown above) <http://www.aec.msu.edu/fs2/professionalpubs.htm>