

FOOD SECURITY RESEARCH PROJECT – ZAMBIA

Fourth Quarter Report, 2008

(September 2008 to December 2008)

A Collaborative Research, Capacity Building, and Policy Outreach Project

between

The Ministry of Agriculture and Cooperatives (MACO)

The Agricultural Consultative Forum (ACF)

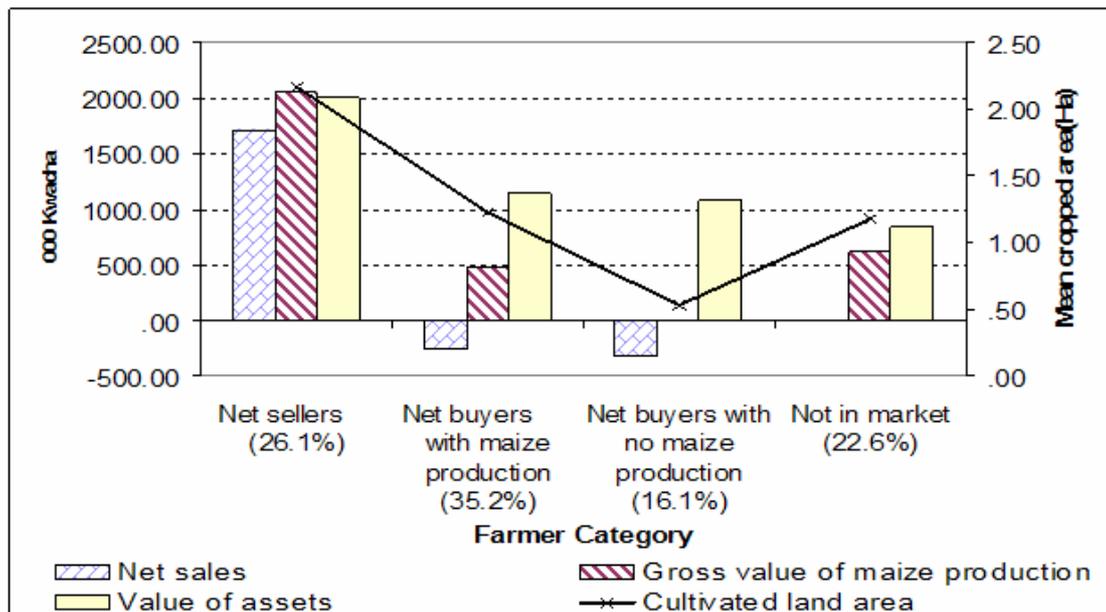
The Central Statistical Office (CSO) / Ministry of Finance

Michigan State University's Department of Agricultural Economics (MSU)

United States Agency for International Development/Zambia (USAID)

Swedish International Development Agency (SIDA)

Marketing and Input Support in Context in Zambia -Maize Sellers Are Generally Better Off



Food Security Research Project Web Site

<http://www.aec.msu.edu/fs2/zambia/index.htm>

Acronyms

ACF	Agricultural Consultative Forum
AFS	Agriculture and Food Security
AIM	Agricultural Input Marketing
AMIC	Agriculture Marketing Information Centre
COMESA	Common Market Eastern and Southern Africa
CSO	Central Statistics Office
ECAPAPA	Eastern and Central Africa Programme for Agricultural Policy

Analysis

FANRPAN	Food Agriculture and Natural Resources Policy Analysis Network
FRA	Food Reserve Agency
FSRP	Food Security Research Project
GART	Golden Valley Agricultural Research Trust
INESOR	Institute for Social and Economic Research
MACO	Ministry of Agricultural and Cooperatives
MATEP	Market Access, Trade and Enabling Policies
MCTI	Ministry of Commerce, Trade, and Industry
MoFND	Ministry of Finance and National Development
MSU	Michigan State University
NAIS	National Agriculture Information Service
PSD	Private Sector Development Group
SAKSS	Strategic Analysis and Knowledge Support System
SIDA	Swedish International Development Agency
UNDP	United Nation Development Programme
UNZA	University of Zambia
VAT	Value Added Tax
ZBF	Zambia Business Forum
ZNFU	Zambia National Farmers Union

1. Brief Overview and Facts

Cooperating Institutions

Ministry of Agriculture and Cooperatives (MACO), Economics and Market Development
Department: Policy and Planning Branch and Marketing Development Branch

Ministry of Finance and National Development (MoFND)

Ministry of Commerce, Trade, and Industry (MCTI)

Agricultural Consultative Forum (ACF)

Central Statistical Office (CSO), Agriculture and Environment Division

Golden Valley Agricultural Research Trust (GART)

University of Zambia (UNZA), Institute for Social and Economic Research (INESOR)

Food Reserve Agency (FRA)

Agency for International Development, Zambia Mission (USAID/Zambia)

Agency for International Development, Bureau for Economic Growth, Agriculture and Trade,
Office of Agriculture and Food Security (EGAT/AFS)

Department of Agricultural Economics, Michigan State University (MSU)

2. Objectives

FSRP's mandate is 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. A hallmark of the MSU/FSRP approach is the "joint products" approach, whereby training, applied research, and outreach are undertaken collaboratively with in-country stakeholders and government counterparts. The "joint products" approach is designed to achieve these broad results:

Capacity building for local Zambian counterparts, including training in the design, implementation, and analysis of household-level and market-level data collection for policy analysis and priority-setting purposes. This is accomplished mainly through in-service training of public and private sector collaborators, but also through training courses and seminars targeted to specific government organizations where improved analytical capacity is most needed;

Applied research to provide baseline information on smallholder production patterns and crop mix, input use, marketing behavior, measures of farm productivity, farm and non-farm incomes, food purchases and consumption, and other basic household-level information necessary to monitor the impacts of changes in the agricultural policy environment on selected socio-economic and regional groups in Zambia; and

Outreach activities to liaise with ACF, MACO, and other public and private policy making groups in Zambia on strategies for promoting smallholder agricultural productivity and income growth, and household food security in support of improved agricultural policy making in Zambia.

To carry out its research mandate, the FSRP in Zambia aims to: (a) strengthen the capacity of MACO, ACF, and other local institutions and government agencies responsible for food security in Zambia to carry out applied research and policy analysis on food security; (b) strengthen the capacity of MACO, Ministry of Finance and National Development, and Ministry of Commerce, Trade, and Industry to help coordinate research on national food security issues; (c) strengthen the Central Statistical Office (CSO) to carry out surveys, manage

and process data, and perform basic analyses useful to policy makers; and (d) strengthen MACO's management and implementation of agricultural marketing information services.

3. Implementation Approach of the Food Security Research Project

The FSRP's main base is its field office in Lusaka. Field office research fellows and research specialists collaborate intensively with MSU campus-based staff on analysis and outreach efforts. This is complemented by frequent TDY visits of campus faculty to Zambia to work with the Lusaka-based team and officials from local collaborating organizations.

The FSRP's substantive research and outreach activities are guided by the FSRP's semi-annual Advisory Board consultations. From these Board meetings, an agenda for research, technical support, and outreach activities is identified and approved. Members of the Advisory Board include MACO, ACF, INESOR/UNZA, CSO, USAID, and FSRP.

4. Status of FSRP Activities in the Fourth Quarter 2008

I. Public Investment Allocation for Promoting Agricultural Growth

1. National Agricultural Expenditure Accounts

- The draft paper on methodology for tracking public expenditure was presented in January 2008 at a conference on the "Convergence between Social Service Provision and Productivity Enhancing Investments in Development Strategies" co-sponsored by IFPRI, University of KwaZulu Natal and NEPAD. This paper was circulated for comment in 2nd Q 2008 and has been submitted as final to ReSAKSS. It will also be published as an FSRP working paper in the 4th Q of 2008.
- The paper "Trend Analysis and Mapping of Public Agricultural Spending in Zambia 2000 - 2008" is still being prepared. Audited accounts of expenditure were used to track expenditures from 2000 – 2006. For 2007 and 2008, parliamentary approved appropriations were used. This is the first time expenditures have included forestry and resettlement programs run by the Ministry of Tourism, Environment and Natural Resources and Office of the President, respectively. Such analysis will provide some mid-course feedback on whether (and how) government of Zambia is moving toward meeting her CAADP commitments. FSRP intends to finalize and publish this working paper in the 1st quarter 2009.
- FSRP staff continued to monitor and update information on agricultural investments, growth and poverty trends in Zambia. The purpose of the activity is to update existing data for developing baseline indicators for monitoring public spending for agriculture and the rural sector, performance of the sector, and trends in rural welfare (income and poverty).

2. Returns to alternative agriculture expenditures

- FSRP researchers continued to cultivate important working relationship during the 4th Q of 2008 with colleagues in the Ministry of Finance and National Planning (MoFNP). This is a group conducting, in collaboration with CSO, Bank of Zambia and other colleagues, a macroeconomic model to eventually evaluate the impact of alternative investment options by GRZ in various sectors.
- FSRP presented findings on the payoffs to alternative agricultural expenditures at several local policy events:
 - Zambia Agricultural Policy: Finding a Balance Between Public Facilitation & Private Sector-Led Growth. Jones Govereh and Michael Weber. Food Security

Research Project. Presentation at a Mini-Workshop on Agricultural Policy in Zambia, Chrismar Hotel, 7 Oct, 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. Dec 2-3, 2008.
- Other work in this area relates to public expenditure on fertilizer programs; please see section III.5 (Fertilizer Value Chain) for details.

II. Productive Assets: Options for Sustainably Increasing Productivity and Incomes

1. Land access, agricultural growth and poverty dynamics in Zambia

- A draft version of the Zambia land access paper was posted to the FSRP website to facilitate feedback from selected users. .
- FSRP in-country researchers (Chapoto, Weber and Lungu) continued work with ACF to develop a study outline and begin preparing preliminary tables for a study of smallholder categorization, using CFS and FSRP supplemental survey data to examine various rural household socio-economic characteristics according to household land and income access attributes.

2. Alternative strategies for maintaining soil productivity

- During this reporting period work continued on a linear programming model of CF in order to measure the prospective gains to smallholder income by adopting CF and shifting peak season land preparation labor to the dry season.

3. Labor supply, HIV/AIDS and agriculture

- There has not been much activity under this theme during this quarter because of the need for an additional wave of panel data to examine the longer-run impacts of HIV/AIDS on smallholder agriculture and rural livelihoods. Now that the 3rd supplemental survey has been collected, and is currently being cleaned, we will be able to resume new work on the longer-run impacts of HIV/AIDS over a 8 year time frame. The recently completed 3rd Supplemental survey provides us with an opportunity to explore new analysis on labor supply, HIV/AIDS and agriculture.
- Work on impacts of food aid on AIDS afflicted households continues with slow progress. The analysis is awaiting 3rd Supplemental Rural Survey data which is still being cleaned The delay to circulate a draft report is mainly due to the need to use more recent data from the 3rd Rural Supplemental Survey which not yet ready for use. Cleaning of this data began on October 1st 2008 and likely to be complete the first week of November 2008. In addition, FSRP is still seeking the services of a competent research assistant to collect additional qualitative information from AID agencies, NGOs, and Government ministry responsible for dealing with the vulnerable rural households on issues such as, the criteria used when distributing food AID by government and NGOs, who and how distribution is done on the ground As soon as this can move forward, there will be a draft working paper to circulate to others and to NGOs for their comments by hopefully Q2 2009.
- A report on Cross country work on “Characteristics Associated with Prime-Age Mortality in Eastern and Southern Africa: evidence from Zambia, Kenya, and Ethiopia was finalized and we are still awaiting feedback on possible publication by World Development.

4. Natural Resource Management

- Graduate student Ana Fernandez continued to work with officials from Zambia Wildlife Authority on documenting the status of Game Management Areas (GMAs) and the community-based natural resource management programs and extension projects in rural villages.
- Robert Richardson and Ana Fernandez delivered a presentation entitled “Tourism and Wildlife Conservation in Africa: Measuring the Impact to Rural Households” as part of the Brown Bag Seminar Series in the Department of Agricultural, Food, and Resource Economics at Michigan State University.
- Ana Fernandez completed her analysis of the impacts of GMAs on rural welfare and successfully defended her Master’s thesis on this topic in Q4. The thesis relied on rural household survey data for analyses of the effect of GMAs on rural household income, wage employment, self employment, and the value of crop damages from wildlife. The results of this analysis will form the basis for a policy synthesis, a journal manuscript, and other publications in early 2009,

III. Marketing and Trade: Policies Affecting Input and Output Markets

1. Maize Value Chain

- FSRP has been actively consulting with various stakeholders about how to deal with the rising price of maize grain in Zambia and strategies to avoid the repeat of what happened in 2005/06 marketing season. FSRP has prepared and circulated a policy synthesis “Marketing Policy Options for Consumer Price Mitigation Actions in the 2008/09 Maize Marketing Season in Zambia”. The Policy Synthesis is posted at: <http://www.aec.msu.edu/agecon/fs2/zambia/ps31.pdf>. The report, which underscores the need for maize importation in early 2009 in order to avoid a food crisis, has received significant local media attention in Zambia.
- FSRP has also held a series of discussions with MACO officials on the main policy implications of the report, i.e., that maize imports need to be arranged quickly to avert a food crisis. The Director of Policy and Planning in MACO helped to prepare the report. The Zambia government has since adopted the recommendations of the report by agreeing on the need to import maize, which should now start to put downward pressure on maize prices, which are currently at historically unprecedented levels as of January 2009.
- In response to high and volatile food prices in the Southern Africa region in 2008, FSRP prepared a study of how world food and input price inflation is likely to affect Zambian agriculture and food security as well as other countries in the region. The following report was finalized in November 2008: 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.
- Active outreach on maize value chain activities have been carried out, with several presentations in Zambia and international fora:
 - 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. 8-9 December 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.

- FSRP has continued to make progress on analysis of alternative regional staples trade in Zambia and the wider region. FSRP discussed the preliminary findings of this analysis at a USAID/Washington/Africa Bureau meeting of agricultural officers in participating IEHA countries. See:
 - Potential Consequences of Intra-Regional Trade in Short-Term Food Security Crises in Southeastern Africa. Steven Haggblade, Hunter Nielson, Jones Govereh and Paul Dorosh. Report 2. *A report prepared by Michigan State University for the World Bank under contract No. 7144132, Strengthening Food Security in Sub-Saharan Africa through Trade Liberalization and Regional Integration*. June 28, 2008
- FSRP has produced a draft working paper “Assessment of Alternative Maize Trade and Market Policy Interventions in Zambia” by Govereh, Chapoto, and Jayne. The draft paper is going through the final formatting and editing stage to be a FSRP working paper.
- FSRP has continued work to finalize the working paper of maize price instability and uncertainty. Due to methodological and data challenges which have now been overcome the preliminary report in the form of a working paper and policy synthesis is expected the second week of November 2008. Chapoto, Jayne and other FSRP team members will carry out outreach activities on this work during the 4th quarter 2008 and 1st quarter 2009.
- A cross country study examining maize price instability in countries with a open borders policy versus countries restricting regional trade such as Zambia and Malawi is progressing slowly. A complete draft working paper will be circulated at the same time as the Zambia specific price instability and uncertainty study for comments in the 4rd Quarter 2008. The FSRP outreach team will carry out outreach activities on this work and Zambia specific work during the 4th and 1st quarter 2009.

2. Cassava Value Chain

- FSRP continued in this quarter efforts of market monitoring prices, volumes, and sources of cassava continued in Lusaka and copperbelt, since these are big markets of cassava. The market monitoring has provided vital information on the trends in prices and volumes in major markets.
- As the request from Caritas Zambia, the FSRP team, Mike Weber and Kasweka Chinyama, attended a Media Launch by Caritas Zambia, in November 2008. Caritas Zambia has been contracted by FAO to do a media campaign on the sensitization of the utilization of cassava nationwide. FAO in collaboration with MACO is implementing a project called “Enhancing Food Security in Cassava – based Farming systems.” The overall objective of this project is to increase the incomes of rural farmers through market access and commercialization of cassava. Therefore Caritas Zambia has been sub contracted by the above FAO project to do a nationwide media campaign of the utilization of cassava. The Deputy Minister of Agriculture was present and he listened very attentively to the presentation made by the ACU.
- Eric Crawford and Steve Haggblade conducted a design mission to Zambia in December 2008, to study the rate of return to public investments in cassava and sweet potato research. Hence Eric Crawford, Steve Haggblade and Kasweka Chinyama visited cassava production areas and met with key researchers and other stakeholders.
- In December, a journal article version of FSRP Working Paper No.21, on the Acceleration of Cassava Utilization Task Force, was accepted for publication in the Journal of Development Studies. The article will be published in 2009.

3. Horticulture Value Chains

- Wholesale market monitoring: Continued the collection and processing of (a) sub-hourly prices for tomato, rape, and onions three days per week in Soweto market, (b) individual lot volumes for every lot entering Soweto market for those same days, (c) the geographical origin of each lot (specific area within a district), and (d) price data in Chilenje open air market and Shoprite and Melissa supermarkets twice per week. Development of tomato, rape and onion standards in Soweto Market also continued. In addition to this work, started on developing conversion factors for various fruits and vegetables in Lusaka for use in the project's various surveys data analysis.
- Tomato value chain: This work is being finalized as part of Mukwiti Mwiinga's M.S. thesis work at MSU and involves (a) use of wholesale market volume data and UCS household data to characterize the tomato production and marketing system serving Lusaka, (b) comparative analysis of Soweto price behavior with that in other countries, and (c) assessment of the impact of tomato price variability on the level and variability of farmer returns. The thesis will be presented and defended within the month of December 2008. Latest analysis includes Monte Carlo simulation analysis of returns to tomato farmers under alternative production and marketing scenarios.
- Mobile phone based horticultural price and supply information system: Consultations continued with ZNFU and between ZNFU and PROFIT on the implementation of the mobile phone based horticultural price and supply information system. The ZNFU Board recently approved the plan and the system should be implemented as soon as logistics with PROFIT are finalized. Arrangements should be in place for commencing this activity during first quarter 2009.
- Horticultural price dynamics and trade flows: Munguzwe Hichaambwa resumed work on analysis and writing of overall horticultural price dynamics and trade flows (including wholesale-retail linkages). This work had stalled because of his heavy involvement in the planning, implementing and data cleaning of the two rounds of the urban consumption survey and the supplemental survey.

4. Cotton Value Chain

- Continued consultations with MACO on the composition and size of the Cotton Board under the current Cotton Act and the revised Cotton Act. This information is required for the Minister of Agriculture who is spearheading the formation of the Cotton Board.
- Obtained the Tobacco and Coffee acts in preparation for an assessment of regulatory approaches to the cotton and broader cash cropping sectors in Zambia, which will be part of a planned multi-country study on the same topic. As with the earlier comparative assessment of cotton sector reform experience, Zambia will be a major contributor to this study and will also stand to benefit from key insights as it struggles to develop a regulatory approach adequate to the challenges it faces.
- Stephen Kabwe participated in the International Cotton Advisory Council's annual meeting as part of the official Zambian delegation in Ougadougou Burkina Faso. The theme of the conference was "Technologies for Cotton Development". For further information on a statement from the ICAC secretariat can be obtained from:
www.icac.org/meetings/plenary/67_ouagadougou/documents/english/e_statement_2008.pdf
- Stephen Kabwe met with Nicolas Gergely a consultant who is evaluating the European Union Africa Partnership programs in Zambia and specifically what the Government thinks about that partnership. In his introductory remarks, he highlighted that the partnerships covers the aspects of cotton development and trade. He highlighted that the EU (Agriculture Commodities Programme) has put 15 million euros for cotton development. To access that

fund, African countries are supposed to write proposals and state what they will do to develop cotton value chain. The funds can be access from the following international organization: International Trade Centre (ITC), Food Agriculture Organization (FAO), World Bank (WB), CFC, and UNCTAD. Further information can be obtained from:

http://www.acp-cotton.org/english_acpue.htm?sid=25702265e155ff8b67504b61d18fbc6f

5. Fertilizer Value Chain

- FSRP and regional colleagues finalized a 3-country assessment of fertilizer promotion efforts, including the FSP program in Zambia, in 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. Report prepared for Re-SAKSS Southern Africa. November 24, 2008. Govereh, Minde, and Jayne have discussed the findings of this report with regional government officials and stakeholders in the following policy forum:
 - 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, 8-9 December, 2008.
- Lungu, Weber and others discussed fertilizer use patterns of smallholder farmers from the most recent 2008 CFS in Zambian Smallholder Farmer/Household Categorization Activity. Draft Set of Tables - Dec 1, 2008, ACF/FSRP by Tadeyo Lungu, Augustine Mutelekesha, Antony Chapoto, Margaret Beaver and Michael Weber. Handout to accompany MACO/SIDA ASP presentation.
- FSRP continued to integrate additional analysis of data from the 2007/08 Crop Forecast Survey survey into the draft fertilizer report for Zambia. The CFS data shows a steady increase from 2000/01 to 2007/08 in the proportion of smallholder households applying fertilizer on maize. However, updated results also show that FSP activities significantly displaced commercial fertilizer purchases in recent years, leading to a situation where rural commercial fertilizer retailing has ceased in many areas. Moreover, evidence now indicates that farmers report receiving directly from FSP only about 1/3 of the total amount of fertilizer distributed under FSP, indicating that a substantial portion of the fertilizer distributed under FSP is actually diverted from direct access to farmer recipients, and is resold to farmers willing to purchase it from private agents. This is a politically sensitive finding and we welcome input from partners on how best to best utilize and disseminate these findings.
- FSRP has continued analysis on the reasons for high variation across farm households in maize/fertilizer response rates and the profitability of fertilizer use. FSRP is continuing its analysis on this topic (primarily Jayne, Black, and Guan at MSU) and aim to produce a working paper and policy synthesis by the 1st quarter of 2009.
- Beaver, Weber and Haggblade have conducted preliminary anaysis of yield variability using 07/08 CFS data, and intereacted with the Conservation Farming Unit researchers on emerging results. Govereh and Jayne have been working on a FSRP working paper on this topic.
- FSRP updated data on total supply of fertilizer through imports and local production and commercial versus non-commercial sales (sales to government) in 2008. There is no fertilizer industry association in Zambia. FSRP has taken up the responsibility to update these trends and share the information with government and the industry.

6. Regional Trade Perspectives on Food Staples and Input Markets

- During the 4th Q of 2008, the team produced a consolidated working paper for use in regional trade policy discussions with COMESA. Entitled “ Regional Trade in Food Staples: Prospects for Stimulating Agricultural Growth and Moderating Short-Term Food Security Crises in Eastern and Southern Africa,” that paper served as a conference keynote paper at the December 9-11, 2008 COMESA regional policy workshop on “Trade in Food Staples in Eastern and Southern Africa: The Role of Intra-Regional Trade in Price Stability and Food Security” in Nairobi.

7. Alternative Instruments for Stabilizing National Food Availability and Prices

- There was no work on this item this quarter.

IV. Consumption Behavior of Urban and Rural Households

- Work began this quarter to utilize the two cleaned rounds together and produce initial output on consumption behavior and other areas covered in the urban survey.

VI. General Policy Research and Outreach Support, Including Zambian Collaborator In-Service Strengthening

- FSRP researchers prepared outreach materials for and interacted with USAID Zambia, SIDA Zambia and other Donor presentations. This also included meeting with US Foreign Relations Committee members, Danish Aid and FAO.
- CSO/MACO Survey Research Interactions and Strengthening: Various Activities this Quarter to finalize data verification for the rural survey data collection. Also cooperated with MACO/CSO staff in reviewing new survey instruments to allow MACO to conduct in Oct 2008 a survey of industrial maize consumption.
- Supporting ReSAKSS-SA's regional agenda.
 - Prepared presentations for and attended the ReSAKSS Regional meeting in Botswana in December.
 - ReSAKSS and FSRP continued collaboration priorities for 2008.
- Collaboration/Strengthening of Agricultural Consultative Forum (ACF). Work continued with ACF, including:
 - Various working meeting were held this quarter to finalize the design and organization of the forthcoming FSR Reform Study Tour. This included the development of web base resource page for all the study tour materials to be used for each country visit and for the cross-country materials. The web site location for this study tour resource library is: <http://www.aec.msu.edu/fs2/zambia/tour/index.html>
 - Participated in the ACF Annual General Meeting and in discussions ACF Advisory Board about the ACF/FSRP merger.
 - Continued work on the ACF/FSRP proposal to SIDA for future funding for ACF.
 - Continued worked with ACF, MACO and various NGO and donor staff on the smallholder categorization work. The purpose of this joint ACF/FSRP analysis and outreach is to assist GRZ and donor NGO's in the design and targeting of program benefits for various kinds of smallholders
 - Continued cooperation with ACF in coordinating the Accelerated Cassava Task Force (ACU), including work on a cassava media workshop held at Bluecrest Lodge in Lusaka, at a cassava/sweet potato research meeting at Mount Makulu Research Station and in a field visit to the cassava plant nursery at Chisamba .

- Worked with ACF/ACU and PAM officials to review the report done to develop a business plan study for PAM's intended operation of a cassava milling plant in Mansa.
- Participated in numerous working sessions with ACF and SIDA to finalize plans for the new ACF project to be funded by SIDA.
- Collaboration with Zambia National Farmers Union.
 - Met with ZNFU researcher (John Fynn) to discuss additional analysis and data needs for understanding the maize price and supply situation in Zambia during the current marketing season.
 - Additional follow up working sessions to arrange details of the new horticulture information to be added to the ZNFU commodity price web site: <http://www.farmprices.co.zm/> See item III 3 above. This involved on joint ZNFU/Project Profit working session on Sept 25, 2008.
- Collaboration with Conservation Farming Unit
 - Continued interaction with CFU researchers on the development of key data parameters for a linear programming model being developed by FSRP researchers to examine economic benefits of selected conservation farming practices.
 - Continued informal meetings with Peter Aagaard and others at CFU to exchange information on conservation farming, fertilizer use and the fertilizer support program in Zambia
- MACO Collaboration
 - Worked with MACO Data Base Management Unit on issues related to the design and analysis of the forthcoming CFS. Also interacted with them to try to obtain data from the forthcoming MACO study of utilization of maize grain by commercial maize processing firms in the milling, animal feed and opaque beer/energy drink sectors.
 - Worked with MACO staff on data to analyze the fertilizer support project (FSP). Also identified 4-5 MACO staff to participate in the FSP Reform Study Tour.
 - Continued interactions and support to AMIC on market information.
- Ministry of Finance and National Planning (MoFNP) Collaboration
 - Interacted with colleagues in the Ministry of Finance and National Planning (MoFNP) to obtain collaboration in the FSR Reform Study Tour. MoFNP nominated Mr. David Zulu to participate..
 - MoFNP researchers continued consultations about the planned FSRP/ACF outreach to Parliamentarians that was postponed in August due to the death of the President.

VII. Staff changes

- None this Quarter

VIII. Project Visitors

- Jayne To work with FSRP staff.
- Haggblade. To work with the ACU and to explore possibilities of additional research on adoption of new sweet potato and cassava cultivars.
- Crawford To work with FSRP staff on the possibility of additional research on adoption of new sweet potato and cassava cultivars.
- Jayne To work with FSRP staff.



Zambia Food Security Research Project (FSRP)

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Quick Links on This Page



Most Recent Research and Outreach Publications Added to Web Site -4th Quarter - 2008

Policy Syntheses

- None

Research Reports

- **Maize Value Chain Analysis.** Jones Govereh, Antony Chapoto, T.S. Jayne. FSRP Working Paper No. 33. draft for review circulated in Sept and to be published in October 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 Steven Longabaugh. Working Paper No. 35. November 2008.
- **Draft:** [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.
- [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. (CDIE reference number pending).

Policy Presentations

- [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, 8-9 December, 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. Dec 2-3, 2008.
- [Zambian Smallholder Farmer/Household Categorization Activity. Draft Set of Tables - Dec 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 & Private Sector-Led Growth.](#) Jones Govereh and Michael Weber. Food Security Research Project. Presentation at a Mini-Workshop on Agricultural Policy in Zambia, Chrismar Hotel, 7 Oct, 2008.

FSRP II/PROACTIVE Work Plan Activities and Performance Element and Indicator Tracking Schedule for 2008

FSRP Work Plan Focus Areas and Sub Areas	PMI USAID Zambia Indicators		FSRP WP/PS # s	1.1. Trade and Investment Enabling Environment					1.2. Trade & Investm. Capacity			3.4 Agriculture Enabling						3.5 Agriculture Productivity					4.6 Private Sector Competitiveness		
	4	1		1	2	3	4	5	2	3	5	1	2	3	4	5	6	3	4	5	6	10	1	2	
(USAID Indicator Numbers per Element)	4	1																							
(USAID Indicator Targets for FY 08)				4	2	4	3	4	3	4	6	5	2	3	3	1	3	6	5	2	3	1	2	5	
1. Public Investment Allocation for Promoting Agricultural Growth																									
<i>1.1 National Agricultural Expenditure Accounts</i>																									
<i>1.2 Returns to alternative agriculture expenditures</i>																									
2. Productive Assets: Options for Sustainably Increasing Productivity and Incomes																									
<i>2.1 Land access, agricultural growth and poverty dynamics in Zambia</i>																									
<i>2.2. Alternative strategies for maintaining soil productivity</i>																									
<i>2.3 Labor supply, HIV/AIDS and agriculture</i>																									
<i>2.4 Natural resource management</i>																									
3. Marketing and Trade: Policies Affecting Input and Output markets																									
<i>3.1 Maize value chain</i>																									
<i>3.2 Cassava value chain</i>																									
<i>3.3 Horticulture value chain</i>																									
<i>3.4 Cotton value chain</i>																									
<i>3.5 Fertilizer value chain</i>																									
<i>3.6. Regional trade perspectives on food staples and input markets</i>																									
<i>3.7. Alternative instruments for stabilizing national food availability and prices</i>																									
4. Consumption Behavior of Urban and Rural Households																									
<i>4.1. Trends in rural and/or urban consumption</i>																									
5. Household Impacts and Behavior																									
<i>5.1. Characteristics of emerging commercial smallholder farmers</i>																									
<i>5.2 Smallholder income and growth dynamics</i>																									
<i>5.3. Improved emergency response</i>																									