

# Zambia Food Security Research Project

## FSRP

### Cumulative Project Output Report

(A Cumulative Compilation of Key Materials on the FSRP Website  
at the End of this Time Period)

2004/05

*Research and Outreach Supported By:*

**Ministry of Agriculture & Cooperatives**



**The Agricultural Consultative Forum**



**Michigan State University**  
**Agricultural Economics**



**USAID**  
FROM THE AMERICAN PEOPLE



## Zambia Food Security Research Project (FSRP)

Help Topics: [Accessing Documents](#) | [Publication Series](#) | [Searching](#)

Quick Links on This Page

ACF

MACO

MICHIGAN STATE  
UNIVERSITY



### Project Overview

- [Project Fact Sheet](#): summarizes project approach and output.
- [Contact Information](#): in-country personnel, U.S. based backstop and collaborative institutions.

### Research Reports [Top](#)

- [Impact Of Hiv/Aids-Related Mortality On Rural Farm Households In Zambia: Implications For Poverty Reduction Strategies](#). Antony Chapoto and T.S Jayne. Paper to be presented at the IUSSP Seminar on " Interactions between Poverty and HIV/AIDS". 12-13 December 2005. Capetown, South Africa. Forthcoming Nov. 2005.
- [Characteristics of Individuals Afflicted by Aids-related Mortality in Zambia](#). Antony Chapoto and T.S. Jayne. Working Paper 14. August 2005.
- [Recommendations for Adjusting Weights for Zambia Post Harvest Survey Data Series and Improving Estimation Methodology for Future Surveys](#). David J. Megill. Working Paper 13. March 2005.
- [Levies on Agricultural Commodities: Who Benefits? A Rapid Assessment](#). Billy Mwiinga, Julius Shawa, T.S. Jayne, and James Shaffer. Working Paper 12. April 2005.
- Factors Associated with Poverty in Rural Zambia: Implications for a Dynamic Poverty Reduction Strategy. Chapoto, A. and T. Jayne. Working Paper, Food Security Research Project/Zambia. Lusaka, Zambia. forthcoming.
- [Recommendations on Sample Design for Post-Harvest Surveys in Zambia Based on the 2000 Census](#). David J. Megill. Working Paper 11. February 2004.
- [Cotton in Zambia: an Assessment of its Organization, Performance, Current Policy Initiatives, and Challenges for the Future](#). David Tschirley, Ballard Zulu, and James Shaffer. Working Paper 10. February 2004.
- [Household Level Financial Incentives to Adoption of Conservation Agricultural Technologies in Africa](#). Steven Haggblade, Gelson Tembo, and Cynthia Donovan. Working Paper 9. February 2004.
- [Development, Diffusion and Impact of Conservation Farming in Zambia](#). Steven Haggblade and Gelson Tembo. Working Paper 8. June 2003.  
Note: A [file with text boxes and photographs](#) must be downloaded separately in order to have the complete paper. Readers with access to high speed download can download the [high quality full document \(3MB\)](#), with both text and boxes.
- [How Will The Proposed Crop Marketing Authority Affect Food Market Performance In Zambia: An Ex Ante Assessment To Guide Government Deliberation](#). J. J. Nijhoff, Gelson Tembo, Jim Shaffer, T. S. Jayne, and Julius Shawa. Working Paper 7. June 2003.
- [Improving the Transfer and Use of Agricultural Market Information in Zambia: A User Needs Assessment](#). Geoffrey Chomba, Green Mbozi, David Mundia, Mike Simpamba, Billy Mwiinga, Cynthia Donovan, and Stanely Mushingwani. Working Paper 6. November 2002.
- [Framework and Initial Analyses of Fertilizer Profitability in Maize and Cotton in Zambia](#). C. Donovan, M. Damaseke, J. Govere, and D. Simumba. Working Paper 5. April 2002.
- [Developments in Fertilizer Marketing in Zambia: Commercial Trading, Government Programs, And the Smallholder Farmer](#). Ministry of Agriculture and Cooperatives, Agricultural Consultative Forum, and Food Security Research Project, Lusaka, Zambia. Working Paper 4. May 2002.
- [Is the Glass Half-empty Or Half Full? An Analysis of Agricultural Production Trends in Zambia](#). Ballard Zulu, J.J. Nijhoff, T.S. Jayne, and Asfaw Negassa. Working Paper 3. October 2000.
- [Review of Sample Design for Zambia Post-harvest Survey \(1997/98\) and Recommendations for Improving the Sampling Strategy and Estimation Procedures](#). Food Security Research Project, Lusaka, Zambia. Working Paper 2. July 2000.
- [Improving Smallholder and Agri-business Opportunities in Zambia's Cotton Sector: Key Challenges and Options](#). Food Security Research Project, Lusaka, Zambia. Working Paper 1. March 2000
- [Successes and Challenges of Food Market Reform: Experiences from Kenya, Mozambique, Zambia, and Zimbabwe](#) by T.S. Jayne, Mulinge Mukumbu, Munhamo Chisvo, David Tschirley, Michael T. Weber, Ballard Zulu, Robert Johansson, Paula Santos, and David Soroko. MSU IDWP 72. 1999. 45 pp. (CDIE reference PN-ACE-389)

### Reprints [Top](#)

The project has published reprints of theses by MSU graduate students supported by the project.

- [Factors Affecting Smallholder Farmers' Adoption of Soil and Water Conservation Practices in Zambia](#). Geoffrey Ndawa Chomba. 2004.
- [Factors Affecting the Use of Fertilizer by Small- and Medium-sized Farming Households in Zambia, 1997-2000](#). Eric

## Policy Syntheses [Top](#)

- [Socio-economic Characteristics of Individuals Afflicted by Aids-related Prime-age Mortality in Zambia](#). Antony Chapoto and T.S. Jayne. Number 10. September 2005.
- [An Assessment of Current Policy Initiatives in Zambia's Cotton Sector](#). Ballard Zulu and David Tschirley. Number 9. 2004.
- [How Will the Proposed Crop Marketing Authority Affect Food Market Performance in Zambia? An ex Ante Assessment to Inform Government Deliberation](#). J.J. Nijhoff, Gelson Tembo, James D. Shaffer, T.S. Jayne, and Julius Shawa. Number 8. 2003.
- [Zambian Cotton in a Regional Context: Performance under Liberalization and Future Challenges](#). David Tschirley and Ballard Zulu. Number 7. 2003.
- [Markets Need Predictable Government Actions to Function Effectively: The Case of Importing Maize in Times of Deficit](#). J.J. Nijhoff, T.S. Jayne, Billy Mwiinga, Jim Shaffer. Number 6. 2002.
- [The Role Of Mugaiwa In Promoting Household Food Security: Why It Matters Who Gets Access To Government Maize Imports](#). Billy Mwiinga, J.J. Nijhoff, T.S. Jayne, Gelson Tembo, Jim Shaffer. Number 5. 2002.
- [Framework and Initial Analyses of Fertilizer Profitability in Maize and Cotton in Zambia](#). C. Donovan, M. Damaseke, J. Govereh, and D. Simumba. Number 4. 2002.
- [Developments in Fertilizer Marketing in Zambia: Commercial Trading, Government Programs and the Smallholder Farmer](#). J. Govereh, T.S. Jayne, J.J. Nijhoff, J.J. Shawa, H. Haantuba, A. Belemu, E. Ngulube, B. Zulu, and A.K. Banda. Number 3. 2002.
- [Is the Glass Half-empty or Half Full? An Analysis of Agricultural Production Trends in Zambia](#). Ballard Zulu, J.J. Nijhoff, T.S. Jayne, and Asfaw Negassa. Number 2. 2000.
- [Key Challenges and Options Confronting Smallholder, Agribusiness and Government Leaders in Zambia's Cotton Sector](#). FSRP Team. Number 1. 2000

## Professional Publications [Top](#)

- Jayne, T.S., Antony Chapoto, Elizabeth Byron, Mukelabai Ndiyoi, Petan Hamazakaza, Suneetha Kadiyala, and S. Gillespie. November 2005. [Community-level Relationships between Prime Age Mortality and Rural Welfare: Panel Survey Evidence from Zambia](#). Forthcoming in Review of Agricultural Economics
- Jayne, T.S., J. Govereh, M. Wanzala, and M. Demeke. 2003. [Fertilizer Market Development: A Comparative Analysis of Ethiopia, Kenya, and Zambia](#). *Food Policy*, Vol. 28(4): 293-316. [Science Direct Summary](#).
- Jayne, T.S. T. Yamano, M. Weber, D. Tschirley, R. Benfica, A. Chapoto, and B. Zulu. 2003. [Smallholder Income and Land Distribution in Africa: Implications for Poverty Reduction Strategies](#). *Food Policy*, Vol. 28(3): 253-275. [Science Direct Summary](#).

## Zambia Agricultural Market Information Documents and Directory [Top](#)

- Zambia [Agricultural Market Information Centre](#) (AMIC)

## Policy Presentations [Top](#)

- **Power Points**
  - [Factors Affecting Zambian Maize Prices in 2005](#)
  - [How Can Markets Respond Better to the 2005/06 Food Crisis: Evidence from Zambia](#). Thom Jayne and the Food Security Research Project – Zambia. Regional Trade, Growth and Emergency Response: Strategic Options for Dealing with Recurrent Food Crises in Southern Africa. Round Table Discussion facilitated by Michigan State University Food Security III Cooperative Agreement. Thursday, November 17, 2.00 - 4:30 pm, RR Building Mezzanine Conference Room.
  - [Vision of Donor Support for Agricultural Growth and Poverty Reduction in sub-Saharan Africa](#). T.S Jayne with input from colleagues at Michigan State University. Presentation at [All-Party Parliamentary Group on Overseas Development ODI / London, UK](#). November 1, 2005.
  - [Where Should Public and Donor Investments be Targeted?](#) T.S. Jayne, A. Mwanaumo, J. Govereh, B. Zulu, and J. K. Nyoro. Presentation at 1st Regional Grain Trade Summit. October 12-13, Nairobi, Kenya.
  - [Agricultural Input Market Development Plan](#). Jones Govereh. Presentation to MACO officials, NGOs, and private sector stakeholders, Agricultural Consultative Forum, Lusaka, August 2005.
  - [Using Empirical Information in the Era of HIV/AIDS to Inform Mitigation and Rural Development Strategies: Selected Results from African Country Studies](#). Presentation by D. Mather at American Agricultural Economics Association Annual Meeting, Principal Paper Session 1: What Role for Agricultural Economists in Addressing the HIV/AIDS Pandemic? Providence, Rhode Island, July 25th, 2005.
  - Ministry of Agriculture and Cooperatives/Food Security Research Project Policy Retreat, June 25-26, 2005, Chisamba, Zambia
    - [Trends in Smallholder Agriculture](#), Jones Govereh.
    - [Smallholder Maize Market Structure and Behavior](#). Ballard Zulu and T.S. Jayne.
    - [Crop Forecast Survey Methodology and Results](#). Michael Isiimwa, Ministry of Agriculture and Cooperatives.
    - [Small-scale Maize Trading in Zambia](#). Billy Mwiinga and Hyde Haantuba.
    - [Priorities in Resource Allocation Within the Ministry of Agriculture and Cooperatives](#). Julius Shawa, Ministry of Agriculture and Cooperatives.
    - [Trade Agreements for Consideration in the Agricultural Marketing Act](#). Hyde Haantuba, Ministry of Agriculture and Cooperatives.

- [AMDP Update and Implementation Issues: Agricultural Marketing Act Concept Paper](#), Hyde Haantuba, Ministry of Agriculture and Cooperative and Jones Govereh, FSRP.
  - [Competition and Coordination in Cotton Market Systems in Southern and Eastern Africa](#). Cross-Country Workshop. Lusaka, Zambia. February 2005.
  - [Competition and Coordination in Cotton Market Systems in Southern and Eastern Africa Project](#). Imperial College, UK.
  - Ministry of Agriculture and Cooperatives Policy Retreat, December 4-5, 2004, Livingstone, Zambia.
    - [Structure of Zambian Agriculture](#), Jones Govereh.
    - [Increasing Output, Productivity and Incomes of Smallholder Farmers](#), Ballard Zulu.
    - [Crop Marketing Policy Issues](#), Gelson Tembo, T.S. Jayne, and James Shaffer.
    - [Strategies to Improve Household Food Security During Grain Shortfalls](#), Billy Mwiinga and Jan Nijhoff.
    - [Factors Related to Success in Smallholder Agriculture](#). Ballard Zulu, T.S. Jayne and J. Shaffer.
    - [Private Sector-led Input Market Development](#). Jones Govereh.
    - [Agriculture Market Development Plan](#), Hyde Haantuba.
- **Papers**
  - [Early Evidence on Conservation Farming in Zambia](#). Steven Haggblade and Gelson Tembo. A paper prepared for the International Workshop on "Reconciling Rural Poverty and Resource Conservation: Identifying Relationships and Remedies". Cornell University, Ithaca, New York. May 2-3, 2003.

## CSO Documents [Top](#)

FSRP is cooperating with the Central Statistical Office in Zambia in the analysis of Post Harvest Survey Data. To facilitate access to CSO publications, we are presenting here downloadable executive summaries of selected CSO publications. Complete copies of these documents are available from: Central Statistical Office, Research and Dissemination, P.O. Box 31908, Lusaka. Tel 250699 Fax 252575.

- [1997/98 Agricultural and Pastoral Production for Small and Medium Scale Holdings. Structural Type and Post-Harvest Data.](#)
- [1996/97 Agricultural and Pastoral Production for Small and Medium Scale Holdings. Structural Type and Post-Harvest Data.](#)

In working with the Post Harvest Surveys, MSU/FSRP has designed synthetic instruments for the Post Harvest Surveys, which are the document below. These are not the original survey instruments used by CSO in the field. They are derived from the original instruments, condensing the format, and organizing the information logically, corresponding to the new SPSS files used for analysis. From these, the information contained in each PHS can be determined.

- [Rural Incomes and Livelihoods Survey 2004](#). (Second supplemental survey to the 1999/2000 post harvest survey for small and medium scale holdings.
- [Post- Harvest Survey \(2001/2002\) for Small and Medium-Sized Holdings](#) (Synthetic Questionnaire)
- [Post- Harvest Survey \(2000/2001\) for Small and Medium-Sized Holdings](#) (Synthetic Questionnaire)
- [Enumerator Manual for Second Supplemental Survey to the 1999/2000 PHS Survey](#)
- [Enumerator Manual for Supplemental Survey to the 1999/2000 PHS Survey](#)
- [Supplemental Survey to the 1999/2000 PHS Survey](#)
- [Post- Harvest Survey \(1999/ 2000\) for Small and Medium- Sized Holdings](#) (Synthetic Questionnaire)
- [Post- Harvest Survey \(1998/ 99\) for Small and Medium- Sized Holdings](#) (Synthetic Questionnaire)
- [Post- Harvest Survey \(1997/ 98\) For Small and Medium- Sized Holdings](#) (Synthetic Questionnaire)
- [Post- Harvest Survey \(1996/ 97\) For Small and Medium- Sized Holdings](#) (Synthetic Questionnaire)

## Administrative Reports (For MSU and USAID Management Purposes-Requires ID to enter) [Top](#)

- [See Complete List](#)

## Links to Related Sites [Top](#)

- Quick Links - [Zambia on the Food Security and Food Policy Information Portal for Africa-FSIP](#)
- Quick Links - [Building Professional Skills-FSIP](#)

Food Security III Cooperative Agreement between US Agency for International Development, EGAT/AG Bureau cooperating closely with Africa/SD Bureau, and MSU Department of Agricultural Economics.