

# 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)

2005/06

*Research and Outreach Supported By:*

**Ministry of Agriculture & Cooperatives**



**The Agricultural Consultative Forum**




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



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# Zambia Food Security Research Project (FSRP)

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## Project Overview

- Project Brochure: Summarizes project approach and selected outputs (to be posted)
- Project Annual Output Report: [04/05](#)
- [Contact Information](#): in-country personnel, U.S. based backstop and collaborative institutions.
- Prior [Project Fact Sheet](#): summarizes project approach and output, August 1999-September 2003.

## Most Recent Research and Outreach

### Policy Syntheses [Top](#)

- [Emerging Structural Maize Deficits in Eastern and Southern Africa: Implications for National Agricultural Strategies](#). T.S Jayne and Antony Chapoto. Number 16. September 2006.
- [Maize Price Projections for Zambia's 2006/07 Marketing Season](#). Steven Haggblade. Number 15. June 2006.
- [Trends in Breakfast Meal and Maize Marketing Margins in Zambia](#). Antony Chapoto and T.S Jayne. Number 14. August 2006.

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- [Reprint: The Many Paths of Cotton Sector Reform in Eastern and Southern Africa: Lessons From a Decade of Experience](#). David Tschirley, Colin Poulton, Duncan Boughton. Working Paper No. 18. Food Security Research Project. Lusaka, Zambia. June 2006.
- [Zambia Horticultural Rapid Appraisal: Understanding the Domestic Value Chains of Fresh Fruits and Vegetables](#). Munguzwe Hichaambwa and David Tschirley. Working Paper No. 17. Food Security Research Project. Lusaka, Zambia. September 2006
- [Potential Impact of the Kwacha Appreciation and Proposed Tax Provisions of the 2006 Budget Act on Zambian Agriculture](#). John Fynn, Steven Haggblade. Working Paper No. 16. Food Security Research Project. Lusaka, Zambia. July 2006.

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- PowerPoints
  - [Security of Widows' Access to Land in the Era of HIV/AIDS: Panel Survey Evidence from Zambia](#). Antony Chapoto, T.S. Jayne and N. Mason. Brown Bag, African Studies Center. Michigan State University. September 21, 2006.
  - [Maize Yield Response to Fertilizer and Profitability of Fertilizer Use Among Small-Scale Maize Producers in Zambia](#), Zhiying Xu and T.S. Jayne. Contributed paper, International Association of Agricultural Economics Tri-Annual Meetings, Gold Coast, Australia, August 12-18, 2006.
  - [Factors Affecting Small Farmers' Use of Improved Maize Technologies: Evidence from Kenya and Zambia](#), T.S. Jayne, J. Govere, Z. Xu, J. Ariga, and E. Mghenyi. Presented at Symposium on Seed-Fertilizer Technology, Cereal Productivity and Pro-Poor Growth in Africa: Time for New Thinking? Symposium held at the International Association of Agricultural Economics Tri-Annual Meetings, Gold Coast, Australia, August 12-18, 2006.
  - Understanding Zambia's Domestic Fresh Produce Value Chains. Munguzwe Hichaambwa and David Tschirley. Presented at the first domestic horticultural sector stakeholder meeting on 8 August 2006, Lusaka
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- Papers
  - [Proceedings of the Presentation on Resource Allocation for Agriculture](#) to the Parliamentary Committees on Agriculture and Lands and Economic Affairs and Labour by the Food Security Research Project. Held at Gemister Enterprises, Rhodes Park, Lusaka. February 1, 2006.
  - [Impact Of HIV/AIDS-Related Mortality On Rural Farm Households In Zambia: Implications For Poverty Reduction Strategies](#). Antony Chapoto and T.S Jayne. Paper presented at the IUSSP Seminar on "Interactions between Poverty and HIV/AIDS". 12-13 December 2005. Capetown, South Africa. Draft. Nov. 2005.

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### Professional Publications [Top](#)

- Byerlee, D., T.S. Jayne, and R. Myers. 2006. Managing food price risks and instability in a liberalizing market environment: Overview and policy options, *Food Policy*, Vol. 31 (4): 275-287.
- Chapoto, Antony and T.S. Jayne. 2006. [Socioeconomic Characteristics of Individuals Afflicted by AIDS-Related Prime-Age Mortality in Zambia](#), in Gillespie, S. (ed.), *AIDS, Poverty, and Hunger: Challenges and Responses*, Washington, D.C., IFPRI.
- Jayne, T.S., Antony Chapoto, Elizabeth Byron, Mukelabai Ndiyoi, Petan Hamazakaza, Suneetha Kadiyala, and S. Gillespie. January 2006. [Community-Level Impacts of AIDS-Related Mortality: Panel Survey Evidence from Zambia](#). Forthcoming in *Review of Agricultural Economics*.
- Jayne, T.S., B. Zulu, and J.J. Nijhoff. 2006. Stabilizing Food Markets in Eastern and Southern Africa. *Food Policy*, Vol. 31 (4): 328-341.

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**Theses Reprints** by MSU graduate students supported by the project [Top](#)

- Jayne, T.S., A. Chapoto, E. Byron, M. Ndiyoi, P. Hamazakaza, S. Kadiyala, and S. Gillespie. 2006. Community-Level Impacts of AIDS-Related Mortality. Panel Survey Evidence from Zambia, *Review of Agricultural Economics*, Vol. 28 (3): 440-457.
- Chapoto, Antony. [The Impact of Aids-Related Prime-Age Mortality on Rural Farm Households: Panel Survey Evidence From Zambia](#). 2006
- Chomba, Geoffrey Ndawa. [Factors Affecting Smallholder Farmers' Adoption of Soil and Water Conservation Practices in Zambia](#). 2004.
- Knepper, Eric Teague. [Factors Affecting the Use of Fertilizer by Small- and Medium-sized Farming Households in Zambia, 1997-2000](#). 2002.

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

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- [Second supplemental survey](#) to the 1999/2000 PHS for small and medium scale holdings (2004)
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- [Potential Impact Of The Kwacha Appreciation On Zambia Agriculture](#). John Fynn and Steven Haggblade. Number 13. August 2006.
- [Impact Of HIV/AIDS-Related Adult Mortality On Rural Households' Welfare In Zambia](#). Antony Chapoto and T.S Jayne. Number 12. December 2005.
- [Zambia's 2005 Maize Import and Marketing Experiences: Lessons and Implications](#). Anthony Mwanaumo, T.S Jayne, Ballard Zulu, Julius Shawa, Green Mbozi, Steven Haggblade, and Misheck Nyembe. Number 11. December 2005.
- [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

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- [Factors Affecting Small Farmers' Use of Improved Maize Technologies: Evidence from Kenya and Zambia](#), T.S. Jayne, J. Govereh, Z. Xu, J. Ariga, and E. Mghenyi. Presented at Symposium on Seed-Fertilizer Technology, Cereal Productivity and Pro-Poor Growth in Africa: Time for New Thinking? Symposium held at the International Association of Agricultural Economics Tri-Annual Meetings, Gold Coast, Australia, August 12-18, 2006.
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  - [Main Patterns in Assembly, Wholesaling and Retailing in Lusaka and Ndola](#).
  - [Preliminary Thoughts on Key Issues](#).
- [Strategic Options for Achieving Growth and Poverty Reduction: The Role of Markets](#). Thom Jayne, with input from colleagues at MSU. Presentation at the Workshop on "Bridging Knowledge Gaps to Achieve Agricultural Growth and Reduce Poverty and Hunger in Africa through the Comprehensive Africa Agriculture Development Programme (CAADP), hosted by the International Food Policy Research Institute (IFPRI) in collaboration with the New Partnership for Africa's Development (NEPAD), June 20-21, Washington, D.C.
- [Maize in Eastern and Southern Africa: "Seeds" of Success in Retrospect](#). T.S. Jayne and Melinda Smale, presentation at the conference on "Championing Agricultural Successes for Africa's Future in Support of the Comprehensive Africa Agricultural Development Programme (CAADP), May 15-18, 2006, Somerset West, South Africa.
- [Zambia Herald Business News report on FSRP presentation at the the Agricultural Sector Budget Analysis meeting](#), organized by the Agricultural Consultative Forum, Pamodzi Hotel, Lusaka, February 7, 2006.
- [2006 Agricultural Sector Budget Analysis](#). FSRP presentation at the Agricultural Sector Budget Analysis meeting, organized by the Agricultural Consultative Forum, Pamodzi Hotel, Lusaka, February 7, 2006
- [Resource Allocation for Agriculture](#). FSRP presentation and discussions on GRZ 2006 budget allocation to the Agricultural Sector with Parliamentary Sub-Committees for Agriculture and Lands, and for Finance, Gemister Conference Centre, February 1, 2006, Lusaka.
- [Public Resource Allocation and Agricultural Competitiveness](#). FSRP presentation and discussion with Private Sector Development Group, including representatives of the World Bank, SIDA, DFID, JICA, EU, MATEP, and USAID. USAID Conference Room, Lusaka, January 30, 2006.
- [Impact of HIV/AIDS-Related Mortality on Rural Farm Households in Zambia: Implications for Poverty Reduction Strategies](#). A. Chapoto and T.S. Jayne. Presented at the IUSSP Seminar on "Interactions between Poverty and HIV/AIDS". Capetown, South Africa. 12-13 December 2005.
- [Preliminary Results from the FSRP/GART Magoye Ripper Study 2005](#). S. Kabwe and A. Mwanaumo. Presented at the Golden Valley Research Trust, along with collaborator David Samazaka of GART, held on December 9, 2005 at GART.
- [Factors Affecting Zambian Maize Prices in 2005](#) Ballard Zulu. FSRP presentation to the Minister of Agriculture and Cooperatives, Hon. Mundia Sikatana, the Permanent Secretary Mr. Richard Chizyuka, Lusaka, members of the Millers Association of Zambia, members of the Grain Traders Association, and senior MACO officials, Mulungushi House, Lusaka, December 7, 2005.
- Strategies to Improve Zambia's Cotton Sector Performance. Ballard Zulu. Presentation at the *Zambia Cotton Association Conference*, Mulungushi Conference Center, Ministry of Agriculture and Cooperatives, Lusaka, November 24, 2005.
- [How Can Markets Respond Better to the 2005/06 Food Crisis: Evidence from Zambia](#). Thom Jayne and the Zambia Food Security Research Project. Presentation at the *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 presentation at *All-Party Parliamentary Group on Overseas Development ODI / London, UK*. November 1, 2005.
- Materials prepared for the [FANRPAN 2005 Regional Multi-Stakeholder Public Policy Dialogue](#). Theme: *Creating A Conducive Policy Environment For A Food Secure SADC*. 4-7 October 2005 .
  - SADC Recovery, Food Security And Trade Policies: Making Markets Work For Smallholders Farmers In SADC by Chairperson: Mr. S. Pazvakavambwa, Secretary for Agriculture- Zimbabwe. ([ppt](#)) (paper forthcoming)
  - [Improving Maize Marketing and Trade Policies To Promote Household Food Security in Central and Southern Mozambique](#) By Danilo Abdula, David Tschirley, and Michael Weber. ([ppt](#))
  - [Learning from the 2002/03 Food Crisis in Southern Africa: Lessons for the Current Year](#) by Pedro Arlindo, David Tschirley, Jan Nijhoff, Billy Mwiinga, Michael T. Weber, and T.S. Jayne. ([ppt](#))
  - [Toward a Regional Framework for Effective Policy Responses to the Emerging Food Crisis in Southern Africa](#) by Anthony Mwanaumo, Hyde Haantuba, Pedro Arlindo, Danilo Abdula, T.S. Jayne, David Tschirley, Jan Nijhoff, Michael Weber, Cynthia Donovan, and John Staatz. ([ppt](#))
  - Opportunities to Improve Household Food Security Through Promoting Informal Maize Marketing Agents: Experience From Eastern Cape Province, South Africa by L. Ndibongo-Traub and T.S. Jayne. ([ppt](#)) (paper forthcoming)
- [Sustained Use of Conservation Farming Practices by Small and Medium Scale Farmer in Zambia](#). Stephen Kabwe of FSRP team presented this paper at the III World Congress on Conservation Agriculture held in Nairobi Kenya, October 3-7, 2005. ([ppt](#))
- FSRP (Jan Nijhoff and Ballard Zulu) participated in a MACO maize marketing policy meeting, discussing AMDP (export ban, levies, FRA issues), October, 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.
- FSRP Briefing on Small Farmer Maize Marketing Behavior and Implications for Maize Marketing Policy in Zambia. Ballard Zulu . Presented at



- the USAID Briefing on the Current Food Situation. USAID mission, Lusaka, September, 2005.
- Key Issues in the Agricultural Sector in Zambia. Ballard Zulu. Presented at the Zambia International Business Advisory Council (ZIBAC) Meeting, Sun Hotel, Livingstone, Zambia, 1-5 September 2005.
  - [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.
  - [Smallholder Maize Market Structure and Behaviour](#). B.A. Zulu, T.S. Jayne. Presentation at the *Smallholder Agricultural Commercialization Strategy Workshop*, Protea Lodge, Chisamba, Lusaka, 7 July 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 Isimwa, 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.
  - Meeting with PS Chizyuka to introduce FSRP to him and discuss the agenda for the June policy retreat, June 7, 2005.
  - FSRP participated in a meeting at FAO where FAO and WFP presented their crop and food security assessment report. Technical input was provided by FSRP on crop supply and demand estimates using 2005 CFS data, Lusaka, May 19, 2005.
  - Donovan and Haantuba (MACO) met with District Ministry of Agriculture and Cooperatives staff on the establishment of the Eastern Province Market Information System, a collaborative effort with MACO and EPCCI. Meetings with private sector stakeholders included Clarke Cotton, Eastern Province Chamber of Commerce and Industry, and Radio Breeze FM. Chipata, Zambia, May 18-20, 2005.
  - FSRP participated in a MACO maize marketing policy meeting, discussing FRA pricing, export ban and maize market interventions, Mulungushi House, Ministry of Agriculture and Cooperatives, Lusaka, February 23, 2005.
  - Jan Nijhoff, Anthony Mwanaumo, and Mike Weber attended IEHA planning meeting in Pretoria, discussing establishment of regional and national SAKSS, Pretoria, South Africa, 3-5 February, 2005.
  - [Competition and Coordination in Cotton Market Systems in Southern and Eastern Africa](#). Ballard Zulu. Presentation at *International Cotton Workshop*, Protea Lodge, Chisamba, Zambia, 1-2 February, 2005.
  - [Competition and Coordination in Cotton Market Systems in Southern and Eastern Africa Project](#). Imperial College, UK.
  - Jan Nijhoff attended DFID program planning, with focus on maize and fertilizer marketing, January 20, 2005.
  - 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.
  - FSRP was invited to a workshop on the *Soil fertility Consortium for Southern Africa*. The workshop was aimed at discussing the synthesis of the CF work that has been done in Zambia so that it feeds in the regional work plan. The Soil Fertility Consortium for Southern Africa would be funded by the Rockefeller Foundation. Participants of the workshop came from Ministry of Agriculture & Cooperatives, NGO and other private institutions, Nairobi, Kenya, December 9, 2004.
  - FSRP Worked with Agricultural Consultative Forum (ACF) to come up with guidelines of synopsis on the advantages of adopting conservation farming. Participants in two meetings came from Conservation Farming Unit, University Of Zambia and Agricultural Consultative Forum.
  - Donovan, Mwiinga, and Haantuba met with MACO District marketing and cooperative officers and the participants in EPAMIS from EPCCI and elsewhere, on the organization of EPAMIS. Chipata, Zambia November, 2004.

## Papers

- [Proceedings of the Presentation on Resource Allocation for Agriculture](#) to the Parliamentary Committees on Agriculture and Lands and Economic Affairs and Labour by the Food Security Research Project. Held at Gemister Enterprises, Rhodes Park, Lusaka. February 1, 2006
- [Impact Of HIV/AIDS-Related Mortality On Rural Farm Households In Zambia: Implications For Poverty Reduction Strategies](#), Antony Chapoto and T.S. Jayne. Paper presented at the IUSSP Seminar on "Interactions between Poverty and HIV/AIDS". 12-13 December 2005. Capetown, South Africa. Draft. Nov. 2005.
- [The Magoye Ripper: Preliminary Findings on Adoption, Benefits and Constraints](#), Stephen Kabwe and Cynthia Donovan. Draft article for the Golden Valley Agricultural Research Trust (GART) Yearbook of 2006. Magoye, Zambia, December 2005.
- [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.

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  - [Smallholder Farming Under Increasingly Difficult Circumstances: Policy and Public Investment Priorities for Africa](#) by T.S. Jayne, D. Mather, and E. Mghenyi. 2006. IDWP 86 (CDIE reference pending)
  - [Impact Of HIV/AIDS-Related Deaths On Rural Farm Households' Welfare In Zambia: Implications For Poverty Reduction Strategies](#). Antony Chapoto And T.S. Jayne. Working Paper 15. Dec 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. Govereh, and D. Simumba. Working Paper 5. April 2002.
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  - [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)

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## Professional Publications

### 2006

- Byerlee, D., T.S. Jayne, and R. Myers. 2006. Managing food price risks and instability in a liberalizing market environment: Overview and policy options, *Food Policy*, Vol. 31 (4): 275-287.
- Chapoto, Antony and T.S. Jayne. 2006. [Socioeconomic Characteristics of Individuals Afflicted by AIDS-Related Prime-Age Mortality in Zambia](#), in Gillespie, S. (ed.), *AIDS, Poverty, and Hunger: Challenges and Responses*, Washington, D.C., IFPRI.
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