# 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 Narrative Report: 2006/07, 2005/06, 2004/05
- Cumulative Project Output Reports: 2005/06, 2004/05
- 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

- Security of Widow's Access to Land in the Era of HIV/AIDS: Panel Survey Evidence from Zambia. Antony Chapoto, T.S Jayne and N. Mason. Number 22. September 2007. (CDIE reference number pending).
- Urgent Need for Effective Public-Private Coordination in Zambia's Cotton Sector: Deliberations on the Cotton Act. David Tschirley and Stephen Kabwe. Number 21. April 2007 (CDIE reference number PN-ADI-724).
- Smallholder Household Maize Production and Marketing Behavior in Zambia: Implications for Policy. Ballard Zulu, T.S. Jayne and Margaret Beaver. Number 20. April 2007 (CDIE reference number PN-ADI-722)

See Complete List of Policy Syntheses

### Research Reports Top

- Cotton in Zambia: 2007 Assessment of its Organization, Performance, Current Policy Initiatives, and Challenges for the Future. David Tschirley and Stephen Kabwe. Working Paper No. 26. (This paper will also be published as a World Bank Discussion Paper). September 2007.
- Security of Widows' Access to Land in the Era of HIV/AIDS: Panel Survey Evidence From Zambia (Revised Version). Antony Chapoto, T.S. Jayne, N. Mason. Working Paper No. 25. Food Security Research Project. Lusaka, Zambia. September 2007. (CDIE reference number pending)
- Trends in Agricultural and Rural Development Indicators in Zambia. T.S. Jayne, J. Govereh, P. Chilonda, N. Mason, A. Chapoto and H. Haantuba. Working Paper No. 24. Food Security Research Project. Lusaka, Zambia. June 2007. (CDIE reference number PN-ADJ-201)

See Complete List of Research Reports

### Policy Presentations Top

- Zambia Agricultural Policy. Delivering Public Facilitation & Private Sector-Led Growth. FSRP/MATEP Research/Outreach Team. Presented to Finnish Delegation. Agricultural Consultative Forum (ACF), Lusaka Zambia. Septermber 25, 2007.
- 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. PEGnet Conference, Berlin Germany September 6-7, 2007.
- Vulnerability and Resilience of Social-Ecological Systems: Perspectives from Studies Underway in Zambia of Urban/Rural Food Marketing Systems. RIHN's (Vulnerability and Resilience of Social-Ecological Systems) - First Lusaka Workshop, Sept 3, 2007. Prepared by M.T. Weber and the MACO/ACF/FSRP/MATEP Research/Outreach Team.

See Complete List of Policy Presentations

### Professional Publications Top

- Byron, E., A, Chapoto, M. Drinkwater, S. Gillespie, P. Hamazakaza, T. Jayne, S. Kadiyala, M. McEwan, and F. Samuels. 2007. AIDS and Agriculture in Zambia. Food and Nutrition Bulletin 28(2): S339-344.
- Barratt, N., D. Chitundu, O. Dover, J. Elsinga, S. Eriksson, L. Guma, M. Haggblade, S. Haggblade, T.O. Henn, F.R. Locke, C. O'Donnell, C. Smith and T. Stevens. "Cassava as drought insurance: Food security implications of cassava trials in Central Zambia". *Agrekon*, Vol 45, No 1. March 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.

See Complete List of Professional Publications

### Theses Reprints by MSU graduate students supported by the project Top

- 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.

## FSRP Research and Outreach Topic Directories

- Effects of Prime-Age Adult Mortality on Rural Households in Africa.
- Agricultural Input Use, Input Market Development and Natural Resource Management.
- A Partnership to Build a Food Security and Food Policy Information Portal for Africa (FSIP for Africa)
- Food and Agriculture Output Market Development and Reform
- Food and Agriculture Market Information System Development
- Learning Resources for Strengthening Applied Food Security and Policy Analysis, Dialogue, and Capacity Building
- Linking Emergency and Development
- Cotton Sector Development and Reform in Africa
- Rural Household Income Analysis and Policy (coming soon!)

## Zambia Agricultural Market Information Documents and Directory Top

- Zambia Agricultural Market Information Centre (AMIC)

## GART & ZARI Economic Training Documents and Directory Top

- GART (Golden Valley Agricultural Research Trust) Web Site
- ZARI (Zambia Agricultural Research Institute) Web Site
- Economic Assessment Training Materials
- Background Training Materials for GART & ZARI
- Links to Other Economic Analysis Training Items and Websites

## Central Statistical Office Surveys Top

- Post Harvest Surveys for Small and Medium-Sized Households (Synthetic Questionnaires)
- Living Conditions Monitoring Surveys (LCMS)
- Crop Forecast Surveys for Small and Medium-Sized Households (Synthetic Questionnaires)
- Documents

## FSRP Surveys Top

- Survey Instruments
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## Administrative Reports Top

- For MSU and USAID Management Purposes -Requires ID to enter
- For MSU and SIDA Management Purposes -Requires ID to enter

## 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

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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.

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## Policy Syntheses

- Security of Widow's Access to Land in the Era of HIV/AIDS: Panel Survey Evidence from Zambia. Antony Chapoto, T.S Jayne and N. Mason. Number 22. September 2007. (CDIE reference number pending).
- Urgent Need for Effective Public-Private Coordination in Zambia's Cotton Sector: Deliberations on the Cotton Act. David Tschirley and Stephen Kabwe. Number 21. April 2007 (CDIE reference number PN-ADI-724).
- Smallholder Household Maize Production and Marketing Behavior in Zambia: Implications for Policy. Ballard Zulu, T.S. Jayne and Margaret Beaver. Number 20. April 2007 (CDIE reference number PN-ADI-722)
- Returns to Investment in Agriculture. Steven Haggblade. Number 19. January 2007. (CDIE reference number PN-ADI-713)
- Assessment of the Farm Level Agronomic and Financial Benefits of the Magoye Ripper in Maize and Cotton Production in Southern and Eastern Provinces. Stephen Kabwe, Cynthia Donovan, and David Samazaka. Number 18. December 2006. (CDIE reference number PN-ADI-178)
- Understanding Zambia's Domestic Value Chains for Fresh Fruits and Vegetables. Munguzwe Hichaambwa, David Tschirley. Number 17. November 2006. (CDIE reference number PN-ADH-796)
- Emerging Structural Maize Deficits in Eastern and Southern Africa: Implications for National Agricultural Strategies. T.S Jayne and Antony Chapoto. Number 16. September 2006. (CDIE reference number PN-ADH-681)
- Maize Price Projections for Zambia's 2006/07 Marketing Season. Steven Haggblade. Number 15. June 2006. (CDIE reference number PN-ADH-680)
- Trends in Breakfast Meal and Maize Marketing Margins in Zambia. Antony Chapoto and T.S Jayne. Number 14. August 2006. (CDIE reference number PN-ADH-679)
- Potential Impact Of The Kwacha Appreciation On Zambia Agriculture. John Fynn and Steven Haggblade. Number 13. August 2006. (CDIE reference number PN-ADH-678)
- Impact Of HIV/AIDS-Related Adult Mortality On Rural Households' Welfare In Zambia. Antony Chapoto and T.S Jayne. Number 12. December 2005. (CDIE reference number PN-ADH-766)
- 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. (CDIE reference number PN-ADH-677)
- Community-level Relationships between Prime Age Mortality and Rural Welfare: Panel Survey Evidence from Zambia. T. S. Jayne, Antony Chapoto, Elizabeth Byron, Mukelabai Ndiyoi, Petan Hamazakaza, Suneetha Kadiyala, and Stuart Gillespie International Food Policy Research Institute policy brief. November 2005.
- Socio-economic Characteristics of Individuals Afflected by AIDS-related Prime-age Mortality in Zambia. Antony Chapoto and T.S. Jayne. Number 10. September 2005. (CDIE reference number PN-ADH-676)
- An Assessment of Current Policy Initiatives in Zambia's Cotton Sector. Ballard Zulu and David Tschirley. Number 9. 2004. (CDIE reference number PN-ADH-765)
- 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. (CDIE reference number PN-ADH-764)
- Zambian Cotton in a Regional Context: Performance under Liberalization and Future Challenges. David Tschirley and Ballard Zulu. Number 7. 2003. (CDIE reference number PN-ADH-763)
- 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. (CDIE reference number PN-ADH-762)
- 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. (CDIE reference number PN-ADH-761)
- 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. (CDIE reference number PN-ADH-760)
- 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. (CDIE reference number PN-ADH-759)
- 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. (CDIE reference number PN-ADH-758)
- Key Challenges and Options Confronting Smallholder, Agribusiness and Government Leaders in Zambia's Cotton Sector. FSRP Team. Number 1. 2000. (CDIE reference number PN-ADH-757)

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- Security of Widows' Access to Land in the Era of HIV/AIDS: Panel Survey Evidence From Zambia (Revised Version). Antony Chapoto, T.S. Jayne, N. Mason. Working Paper No. 25. Food Security Research Project. Lusaka, Zambia. September 2007. (CDIE reference number pending)
- Trends in Agricultural and Rural Development Indicators in Zambia. T.S. Jayne, J. Govereh, P. Chilonda, N. Mason, A. Chapoto and H. Haantuba. Working Paper No. 24. Food Security Research Project. Lusaka, Zambia. June 2007. (CDIE reference number PN-ADJ-201)
- Assessment of the Farm Level Financial Profitability of the Magoye Ripper in Maize and Cotton Production in Southern and Eastern Provinces. Stephen Kabwe, Cynthia Donovan, and David Samazaka. Working Paper No. 23. Food Security Research Project. Lusaka, Zambia. May 2007. (CDIE reference number PN-ADJ-131)
- Smallholder Household Maize Production and Marketing Behavior in Zambia and Its Implications for Policy. Ballard Zulu, T.S. Jayne and Margaret Beaver. Working Paper No. 22. Food Security Research Project. Lusaka, Zambia. April 2007. (CDIE reference number PN-ADI-723)
- A Value Chain Task Force Approach for Managing Private-Public Partnerships: Zamiba's Task Force on Acceleration of Cassava Utilization. Maureen Chitundu, Klaus Droppelmann and Steven Haggblade. Working Paper No. 21. Food Security Research Project. Lusaka, Zambia. December 2006. (CDIE reference number PN-ADI-177)
- Raising the Productivity of Public Investments in Zambia's Agricultural Sector. J. Govereh, J.J. Shawa, E. Malawo, and T.S. Jayne. Working Paper No. 20. Food Security Research Project. Lusaka, Zambia. December 2006. (CDIE reference number PN-ADI-176)
- Security of Widows' Access to Land in the Era of HIV/AIDSids: Panel Survey Evidence from Zambia. Antony Chapoto, T.S Jayne, N. Mason. Working Paper No. 19. Food Security Research Project. Lusaka, Zambia. November 2006. (CDIE reference number PN-ADH-695)
- 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. (CDIE reference number PN-ADG-871)
- 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. (CDIE reference number PN-ADH-694)
- 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. (CDIE reference number PN-ADH-693)
- 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 PN-ADG-862)
- 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. (CDIE reference number PN-ADH-692)
- Community-level Relationships between Prime Age Mortality and Rural Welfare: Panel Survey Evidence from Zambia. T. S. Jayne, Antony Chapoto, Elizabeth Byron, Mukelabai Ndiyoi, Petan Hamazakaza, Suneetha Kadiyala, and Stuart Gillespie. International Food Policy Research Institute Study. November 2005.
- Characteristics of Individuals Afflicted by AIDS-related Mortality in Zambia. Antony Chapoto and T.S. Jayne. Working Paper 14. August 2005. (CDIE reference number PN-ADH-691)
- 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. (CDIE reference number PN-ADH-690)
- Levies on Agricultural Commodities: Who Benefits? A Rapid Assessment. Billy Mwiinga, Julius Shawa, T.S. Jayne, and James Shaffer. Working Paper 12. April 2005. (CDIE reference number PN-ADH-689)
- Recommendations on Sample Design for Post-Harvest Surveys in Zambia Based on the 2000 Census. David J. Megill. Working Paper 11. February 2004. (CDIE reference number PN-ADH-688)
- 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. (CDIE reference number PN-ADH-687)
- Household Level Financial Incentives to Adoption of Conservation Agricultural Technologies in Africa. Steven Haggblade, Gelson Tembo, and Cynthia Donovan. Working Paper 9. February 2004. (CDIE reference number PN-ADH-686)
- Development, Diffusion and Impact of Conservation Farming in Zambia. Steven Haggblade and Gelson Tembo.Working Paper 8. June 2003. (CDIE reference number pending)
  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. (CDIE reference number PN-ADH-685)
- 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. (CDIE reference number PN-ADH-684)
- 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. (CDIE reference number PN-ADH-683)
- 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. (CDIE reference number PN-ADH-682)
- 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. (CDIE reference number PN-ADH-756)
- 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. (CDIE reference number PN-ADH-755)
- 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. (CDIE reference number PN-ACJ-005)
- Successes and Challenges of Food Market Reform: Experiences from Kenya, Mozambique, Zambia, and Zimbabwe 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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## Policy Presentations

- Zambia Agricultural Policy. Delivering Public Facilitation & Private Sector-Led Growth. FSRP/MATEP Research/Outreach Team. Presented to Finnish Delegation. Agricultural Consultative Forum (ACF), Lusaka Zambia. Septermber 25, 2007.
- 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. PEGnet Conference, Berlin Germany September 6-7, 2007.
- Vulnerability and Resilience of Social-Ecological Systems: Perspectives from Studies Underway in Zambia of Urban/Rural Food Marketing Systems. RIHN's (Vulnerability and Resilience of Social-Ecological Systems) - First Lusaka Workshop, Sept 3, 2007. Prepared by M.T. Weber and the MACO/ACF/FSRP/MATEP Research/Outreach Team.
- Under-appreciated Aspects of Smallholder Agriculture: Possible Implications for Information System Design. Thom Jayne and Colleagues, Food Security Research Project - Zambia. Presentation to Gates Foundation WorldAgInfo Project Design Team, Agricultural Consultative Forum, Lusaka, Zambia, August 13, 2007.
- Regional Trade in Food Staples: Using Trade Policy to Improve Farmer Incentives and Food Security. Jones Govereh. Food Security Research Project, MACO/ACF/MSU. Presentation at the International Conference on Strengthen and Widening markets and Overcoming Supply Side Constraints for African Agriculture. Organized by the International Food and Trade Policy Council and the Partnership to Cut Hunger and Poverty in Africa. June 3-5, 2007.
- Selected Comments on Zambia Budget Allocation in Agriculture & Maize and Fertilizer Marketing in Zambia. Presentation to Zambia PRBS Review Meeting By MACO/ACF/FSRP/MATEP Research/Outreach Team. Mulungushi International Conference Centre, Lusaka, Zambia, June 5, 2007.
- Agricultural Sector Budget Analysis. Jones Govereh. Presentation to Farmer Organization Support Programme (FOSUP). Lusaka, Zambia. June 1, 2007.
- Measuring Public Expenditures in Agriculture. Jones Govereh, Emma Malawo, T.S. Jayne, and P. Chilonda. Presented at the Regional Strategic Analysis and Knowledge Support System for Southern Africa (ReSAKSS-SA), Pamodzi Hotel, Lusaka, Zambia, May 29, 2007.
- Data Consideration in Measuring Public Expenditure in Agriculture: Illustrations Using the Case of Zambia. Presentation made by Jones Govereh at the Regional Strategic Analysis and Knowledge Support System for Southern Africa (ReSAKSS-SA), Pamodzi Hotel, Lusaka, Zambia, May 29, 2007.
- An Effective Public-Private Coordination in Zambia's Cotton Sector: Deliberation on the Cotton Act. Stephen Kabwe and David Tschirley. Presented at the Agricultural Consultative Forum. May, 2007.
- Zambia's Cassava Value Chain Task Force. Steve Haggblade. Presentation made to the SIDA Regional Resource Centre for Rural Development (RRD) regional meetings for East and Southern Africa on *"Linking small-scale producers and processors access to dynamic and restructured local, regional and international markets for high value products".* Frangilla, Zambia. May 16, 2007.
- Testimony to the Parliamentary Committees on Agriculture and Lands on Agricultural Marketing and Finance Systems in Zambia, by the Food Security Research Project. National Assembly,Parliament Building, Lusaka. May 2, 2007
  - Written Submission
  - Oral Presentation
- Zambia: Trends in growth of modern retail and wholesale chains and related agribusiness. Information Sheet - April 2007. Munguzwe Hichaambwa (FSRP), Hyde Haantuba and Masiye Nawiko (ACF). Outreach Sheet, published by Regoverning Markets.
- A Comparison of Maize Price Stability between Countries Supporting and Restricting Regional Trade. Antony Chapoto and T.S. Jayne. 2nd African Grain Trade Summit Nairobi, Kenya, April 18-19, 2007.
- Agricultural Sector Budget Analysis. FSRP. MACO/ACF/CSO/MSU. Lusaka, Zambia. Feb 2007.
- Magoye Ripper: An Evaluation of Benefits and Problems. Stephen Kabwe, Cynthia Donovan, and David Samazaka. Presentation to MACO Staff. Lusaka, 24 November, 2006.
- MACO/FSRP/MATEP Policy Dialogue. "Achievements, Challenges and Opportunities for Continued Poverty Alleviation and Growth in the Agricultural Sector in Zambia". 27-29 November 2006. Fringilla Lodge, Lusaka.
  - Agenda
  - The COMESA CAADP Priority Countries: Rwanda, Malawi, Zambia, Uganda, Kenya, Ethiopia. Ambassador N. L. Hussainy – COMESA
  - Agricultural Growth and Poverty Trends in Zambia: Key Findings. Jones Govereh and FSRP colleagues.
  - Objectives and Volume of Public Investments in Zambia's Agriculture. Julius Shawa, Jones Govereh, Steven Haggblade, and Emma Malawo.
  - Composition of Zambian Public Spending on Agriculture. Jones Govereh, Steven Haggblade, Emma Malawo and Julius Shawa.
  - Proposed Agricultural Marketing Act (AMA) Concept – Update Notes. Green Mbozi.
  - Agricultural Credit Act Amendment Process – Update Notes. Green Mbozi.
  - Making Maize Markets Work for Zambian Small Farmers, Traders & Consumers. FSRP/MATEP Research/Outreach Team.
  - Regional Maize Trade: Implications for Food Security & Agricultural Growth. Mupelwa Sichilima.
- Evaluation of Farmer Use of the Magoye Ripper. Stephen Kabwe, Cynthia Donovan. Presentation made to GART and CFU Staff. Chisamba, 21 November, 2006.
- Proceeding of the Ministry of Agriculture and Cooperatives and the Food Security Research Project Policy Dialogue: Achievements, Challenges and Opportunities for Continued Poverty Alleviation and Growth in the Agricultural Sector in Zambia. Held at Fringilla Lodge, Lusaka, Zambia on 27-29th November, 2006.
- 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. 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.
- 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

  - Background and Context.
  - Main Patterns in Assembly, Wholesaling and Retailing in Lusaka and Ndola.
  - Preliminary Thoughts on Key Issues.
- Crop Marketing and Regional Maize Markets Outreach Sessions at ACF Secretariat - July 7, 2006
  - Agenda
  - Overview of maize production & marketing trends
  - Grain Traders Association of Zambia: Prospects for Regional Maize Exports from Zambia
  - Prospects for Regional Maize Meal Exports from Zambia
  - Farmer Incentives for producing surplus for export ZNFU
  - Procedure And Legal Instruments Used to Control Agricultural Commodities Import and Export in Zambia
  - Overview of COMESA Agricultural Strategy (with focus on the maize sector)
- 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 Price Projections for the 2006/07 Marketing Season. By Steve Haggblade, FSRP. Article in Zambian Farmers Magazine, June 2006
- Workshop with the Ministry of Agriculture and Cooperatives (MACO): Presentation/Discussion of the Agricultural Input Marketing (AIM) Plan. May 13, 2006
  - Agenda
  - Agricultural Input Marketing (AIM) Development Plan
  - Fertilizer marketing. Development plan
  - Seed Marketing Plan
  - Agriculture and Veterinary Chemicals and Products. Marketing Plan.
  - Cross-Cutting AIM Issues
- 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 rerport on FSRP presentation at the the Agricultural Sector Budget Analysis meeting, organized by the Agricultural Consultative Forum, Pamodzi Hotel, Lusaka, February 7, 2006.
- 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
- Analysis and Outreach Discussion of 2006 Agricultural Sector Budget: FSRP/MACO/ACF/CSO. Lusaka. Feb, 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.
- Trends in Agricultural and Policy Indicators in Zambia. J.Govereh, T. Jayne, N. Mason and A. Chapoto. SAKSS Issue Paper No.1. Strategic Analysis and Knowledge Support System for Southern Africa (SAKSS-SA). IWMI and ICRISAT Publication, 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.
- 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.
- 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.
- 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.
- 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.
- 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 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.
- 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.
- Characteristics of Individuals Afflicted by AIDS-related Mortality in Rural Zambia. Chapoto, A. and T. Jayne. Paper presented at the RENEWAL/IFPRI Conference on Integrating HIV/AIDS with Food and Nutrition Security: From Evidence to Action. April 13-16, 2005, Durban, South Africa.
- 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 Februay, 2005.
- Competition and Coordination in Cotton Market Systems in Southern and Eastern Africa. Cross-Country Workshop *International Cotton Workshop*, Protea Lodge, Chisamba, Zambia, 1-2 February, 2005.
    - Context and Overview: Comparing Performance Across the Four Sectors. Colin Poulton.
    - Regional Cotton Stakeholders' Workshop: Zambia Country Report. Ballard Zulu.
    - Competition and Coordination in the Zimbabwe Cotton Sector 2001 – 2004. Benjamine Hanyani-Mlambo, Colin Poulton and Marianne Nylandsted Larsen.
    - Regional Cotton Stakeholders' Workshop: Mozambique Country Report. Dave Tschirley.
    - Competition and Coordination in the Tanzanian Cotton Sector 2001-2004. Colin Poulton.
    - Competition and Coordination in Liberalised African Cotton Market Systems. Lessons from Cross-Country Analysis 2001-2003. The Project Team
- 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 Rockfeller 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 Haantubu 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.
- The Recent Cassava Surge in Zambia and Malawi. Steven Haggblade and Ballard Zulu. Paper presented at the InWEnt, IFPRI, NEPAD, CTA conference "Successes in African Agriculture", Pretoria, December 1-3, 2003.

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# Zambia Food Security Research Project (FSRP)

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## Professional Publications

**2007**

- Byron, E., A, Chapoto, M. Drinkwater, S. Gillespie, P. Hamazakaza, T. Jayne, S. Kadiyala, M. McEwan, and F. Samuels. 2007. AIDS and Agriculture in Zambia. Food and Nutrition Bulletin 28(2): S339-344.

**2006**

- Barratt, N., D. Chitundu, O. Dover, J. Elsinga, S. Eriksson, L. Guma, M. Haggblade, S. Haggblade, T.O. Henn, F.R. Locke, C. O'Donnell, C. Smith and T. Stevens. "Cassava as drought insurance: Food security implications of cassava trials in Central Zambia". *Agrekon*, Vol 45, No 1. March 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.
- 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, *Review of Agricultural Economics,* Vol. 28 (3): 440-457.
- 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.

**2005**

- Jayne, T.S., M. Villarreal, P. Pingali, and G. Hemrich. 2005. HIV/AIDS and the Agricultural Sector: Implications for Policy in Eastern and Southern Africa. *Electronic Journal of Agricultural Development Economics,* Vol. 2 (1).
- Haggblade, S., with Barratt et al. Cassava as Drought Insurance in Central Zambia. 2005. *Zambian Farmer* 8(7):13. (non-refereed)
- Mather, D., C. Donovan, T.S. Jayne, and M. Weber. 2005. Using Empirical Information in the Era of HIV/AIDS to Inform Mitigation and Rural Development Strategies: Selected Results from African Country Studies. *American Journal of Agricultural Economics,* Vol. 87 (5): 1289-1297.
- Xu, Z., T. Jayne, R. Black, and J. Govereh. 2005. Profitability of Fertilizer Use on Maize by Small-Scale Farming Households in Zambia. *Selected Paper presented at the American Agricultural Economics Association Annual Meeting, July 24-27, 2005, Providence, Rhode Island.*

**2003**

- Crawford, E., V. Kelly, T. Jayne, and J. Howard. 2003. Input Use and Market Development in subs-Saharan Africa: An Overview. *Food Policy*, Vol. 28(4): 277-292.
- 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.

**2002**

- Jayne, T.S., J. Govereh, A. Mwanaumo, J. Nyoro, and A. Chapoto. 2002. False Promise or False Premise: The Experience of Food and Input Market Reform in Eastern and Southern Africa. *World Development*, Vol 30 (11): 1967-1986. Summary.
- Jayne, T.S., J. Govereh, A. Mwanaumo, J. Nyoro, and A. Chapoto. 2002. "False Promise or False Premise: The Experience of Food and Input Marketing in Eastern and Southern Africa," in Jayne, T.S., Isaac Minde, and Gem Argwings-Kodhek (eds), 2002. *Perspectives on Agricultural Transformation: A View from Africa.* Nova Science, New York.

**1997**

- Jayne, Thomas S.; Stephen Jones; Mulinge Mukumbu and Share Jiriyengwa. 1997. "Maize Marketing and Pricing Policy in Eastern and Southern Africa." In *Africa's Emerging Maize Revolution,* edited by Derek Byerlee and Carl K. Eicher. Boulder, CO: Lynne Rienner Publishers, pp. 213-243.

**1996**

- Jayne, T.S., L. Rubey, F. Lupi, D. Tschirley, and M. Weber, 1996. "Estimating Consumer Response to Food Market Reform Using Stated Preference Data: Evidence from Eastern and Southern Africa," *American Journal of Agricultural Economics,* Vol. 78, No. 3 (August): 820-824.

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.