Theme 1

AIDS, Agriculture and Livelihood Security
How Do Livelihood Security and HIV/AIDS affect each other?

Insecure livelihoods exacerbate the risk and vulnerability environment for HIV/AIDS, through:

- increased risk of HIV infections;
- faster progression from HIV infection to onset of AIDS;
- difficult environments for proper treatment of HIV; and
- increased socio-economic impacts of AIDS.

Illness and death associated with AIDS in turn undermine livelihoods options by:

- weakening or destroying human capacity (skills, knowledge, labour);
- depleting control & access to other key assets;
- constraining options for productive activities, reducing participation in community activities, increasing time needed for reproductive & caring activities.
Key Gaps

Understanding of dynamic interactions
- Focus on two-way interactions (AIDS ~ FS)
- Longitudinal studies needed (dynamics ~ impacts)
- Interdisciplinary approach required (contextual complexity)

Understanding how to respond
- Empirical evidence base needed (M&E ~ cost-effective, scalable solutions)
- Integrated, horizontal sector responses required (multi-dimensional)

Capacity to respond
- Local capacity diminished
- Professional capacity reduced
- Fear and stigma
- Limited mainstreaming ~ vertical responses
Research Questions for Theme 1

• Does food insecurity increase risk of exposure to HIV?

• How does HIV/AIDS interact with other stresses?

• What are the implications of multiple vulnerabilities for approaches to addressing HIV/AIDS and food and nutrition insecurity?

• Under what conditions are households vulnerable or resistant / resilient?
Research Questions for Theme 1

• How is agriculture affected by HIV/AIDS?

• How does AIDS erode agricultural assets or investment incentives and sector performance?

• What are the temporal dynamics of the AIDS – agricultural interactions?
Research Questions for Theme 1

• Internally ~ what modifications are needed so that the agricultural sector can contribute to poverty reduction in the context of AIDS?

• Externally ~ what measures should the agricultural development community employ in concert with other sectors to maximize attainment of common development goals (e.g. the MDGs)?

• How does the mobility of people and urban-rural linkages affect the spread of HIV and the impacts of AIDS on food and nutrition security?
Theme 1 Activities

Ongoing

• Migration, AIDS and Urban Food Security in Southern and Eastern Africa: Case Studies in Namibia, South Africa and Ethiopia (IFPRI, Southern African Migration Project)

• Dynamic Empirical Analysis of HIV/AIDS Shock Impacts and Welfare Consequences: Longitudinal Tracking in Kenya-Nairobi Urban Slums (APHRC, IFPRI)

• Dealing with Vulnerability: Parents’ Efforts to Secure the Future of their Children (University of KwaZulu Natal/HEARD, University of Cape Town, Southern African Vulnerability Initiative, IFPRI)

• Tuberculosis: An Additional Tipping Stress on Poor Households in South Africa and Zambia? (University Teaching Hospital, Zambia and Stellenbosch University, South Africa)
Theme 1 Activities

Ongoing

• The Effects on Rural Livelihoods of Increasing Rates of HIV/AIDS-related Illness and Death in Zomba South, Malawi: a Longitudinal Study (Harvard University, USA, Bunda College of Agriculture, Malawi, University of Oregon)

• Gender Dimensions, Food and Nutrition Security and HIV/AIDS in Internally Displaced Peoples’ Camps in Uganda (Makerere University, Uganda)

• Land Ownership and Food Security in Uganda: A Study of the Use and Control of Land Among Households of Women Affected by HIV/AIDS in Four Districts (Makerere University and National Community of Women Living with HIV/AIDS, Uganda)
Theme 1 Activities

Proposed

• **Tracking dynamics of interactions**
  – Existing and new longitudinal panel data, surveillance
  – INDEPTH network (APHRC, Agincourt)

• **AIDS, fishing and livelihoods**
  – Kenya, Uganda, Tanzania, Zambia (World Fish)

• **AIDS and environment**
  – Kenya, Southern Africa (MSU, SAVI)

• **Monitoring and evaluation of innovations/interventions**
  – GART, KKCAF, Junior Farmer Field & Life Schools
Theme 1 - Flagship Project

Sub-Theme: Monitoring and evaluation of innovations and interventions

Junior Farmer Field & Life Schools