Choice of Resource in Responding to Food Emergencies

David Tschirley
Michigan State University Food Security Group

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Roadmap

- Local and regional procurement of food aid
  - Why does it make sense when food is the preferred resource?
- How often is food the preferred resource?
  - Markets and droughts (illustrated by Zambia)
  - Markets and the poor (illustrated by Zambia)
Local and Regional Procurement (LRP)

- Why does it make sense when food is the preferred resource?
  - It mimics existing trade patterns
  - It has a good track record
  - It builds local production and processing capacity
  - It's much more timely than U.S. food aid
  - It feeds A LOT more people

Maize Trade Flows in East and southern Africa
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Maize Trade Flows in East and Southern Africa

Lots of trade!
Regional Food Aid Flows in Africa

LRP’s Track Record

WFP Purchases, local wholesale prices, and IPP from SA in Lusaka
LRP’s Track Record

WFP Purchases, local wholesale prices, and IPP from USA in Lusaka

LRP’s Track Record

WFP Purchases, local wholesale prices, and IPP from USA in Lusaka
LRP’s Track Record (food safety)

- Aflatoxin in maize can be a big issue
- But precautions are straightforward
- Maize from WFP is at least as safe and as high quality as normal trade
  - Criticisms in Uganda have been that WFP has not raised standards high enough beyond the normal trade
- SSA has substantial and growing capacity to produce local versions of CSB
  - And cost and timeliness advantages the largest here

LRP – Feeding More People

- On actual WFP procurement of maize in Kenya, Uganda, and Zambia from 2001-2005:
  - Savings compared to U.S. food aid: US$67,700,000
  - Extra maize this would purchase: 437,719 mt
  - People this could feed: 1,200,000 for 2 years
    - 1,800 kcal/person/day
  - During at most 8/180 months would U.S. food aid have been cheaper
- Consistent with other findings
- Savings on CSB and maize meal even higher
  - And timeliness advantage even greater
Cost of delivered US Food aid vs. Local Prices (April 207)
Cost of delivered US Food aid vs. Local Prices (April 207)

- Randfontein, SA
- Eastern Province, Zambia
- Malawi
- Kampala

US$/mt

Prod'r price

US food aid
Local market
LRP – Feeding More People (2)

Cost of delivered US Food aid vs. Local Prices (April 207)

![Chart showing cost comparison between US food aid and local market prices in Randfontein, Eastern Province, Malawi, and Kampala, with Retail price indicated in Eastern Province, Zambia.](chart.png)
LRP – Feeding More People (2)

Cost of delivered US Food aid vs. Local Prices (April 207)

![Bar chart showing the cost of delivered US Food aid vs. Local Prices in different markets. The chart includes the following markets: Randfontein, Eastern Province, Malawi, and Kampala. The y-axis represents the cost in US$/mt, ranging from 0 to 400. The chart uses different colors to distinguish between US food aid and local market prices.]

- Randfontein, SA
- Eastern Province, Zambia
- Malawi
- Kampala

US food aid vs. Local market cost.
The price patterns just presented will continue to show themselves (periodically) in the future.

Are we really going to argue that U.S. tax payers should pay $370/mt under these circumstances? … or that we should feed 1/2-1/4 as many people as possible?

Canada untied 50% of their food aid several years ago, is considering the rest now.
Farmers led the way, with the moral/ethical argument carrying a heavy weight.

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Is food typically the preferred resource?

Households living in drought prone areas are most reliant on food markets for purchases.
Markets and the Poor

- Within these provinces, the poorest are the most reliant on food purchases
Percent Net Buyers of Maize in Two Provinces of Zambia, by Quintile of Income per capita, 2004

Southern Province (very drought prone)

Source: MSU/MACO Supplemental Survey, Zambia, 2004

Northern Province (less drought prone)

Source: MSU/MACO Supplemental Survey, Zambia, 2004
And the poor spend a much higher share of their income on food staples.

Percent Net Buyers of Maize Nationally in Zambia, by Quintile of Income per capita, 2004

Source: MSU/MACO Supplemental Survey, Zambia, 2004
Percent Net Buyers of Maize Nationally in Zambia, by Quintile of Income per capita, 2004

Source: MSU/MACO Supplemental Survey, Zambia, 2004

Wrapping up

- LRP has a good track record
  - Mimics and builds existing African trace
  - Feeds many more people in a more timely fashion
  - Risks can be managed
- Cash in the hands of affected households is often the most useful resource
  - The poor are more reliant on markets, not less
Thank you for your time and interest