Marketing of livestock and livestock products: Market demand, potential returns to producers and constraints to market access

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Research in Alternative Livelihoods Fund (RALF)
• Project is completed
• Final report being prepared
• Presentation gives very brief overview
Overall aim of project

- Identify market opportunities for livestock and livestock products
- Identify constraints to producers receiving higher returns from livestock products.
Specific objectives

• Identify market demand for livestock and livestock products
• Identify livestock systems with potential for increasing rural household income
• Identify barriers to participation of rural households in the market
• Recommend action from community to policy levels
• Identify future research needs
Focus

- Small ruminants
  - Live animals
  - Meat
  - Skins
- Beef
Study sites

Kunduz Province

Kandahar Province

Kabul City
Approach

• Assessment of market demand
• Survey of livestock traders
• Studies of livestock owning households
• Market chain analysis
• Additional interviews with butchers, wool traders, skin traders etc
Market Survey

• To determine the efficiency of the marketing chain
• The less efficient the chain the lower the returns to the producer
• Survey of 20 traders in Kabul, Kandahar and Kunduz
Key results

• Market is competitive
  – large number of traders trading low numbers
  – no cartel
• No traders made use of formal credit system, but many use informal credit
• Market prices are high
• Market fees are modest
• Informal payments are high
  – 10 to 25% of the total sale value
Marketing costs

Estimate

Sale price medium sheep $95.00

Informal payments $10.00-25.00

Market fees $0.20
Storage $1.00-3.00
Transportation $3.00-5.00
Total $4.20-8.20
Trader margin $ ??
Surveys of livestock-owning households

- Assess the past and present status of livestock ownership
- Identify present management practices that add value to livestock
- Identify present livestock marketing strategies
- Discuss options to increase household income from livestock
Methodology

- Visits made to four villages in Kunduz Province and three villages in Kandahar Province
- Villages selected with contrasts in livestock ownership and importance of livestock versus crops versus orchard crops
- Semi-structured group interviews with farmers
It is difficult to exploit income-generating potential of animals when families have lost so many animals due to fighting and drought.

Changes in livestock ownership between 1995 and 2005 in three villages:

- Cattle: 6.0 in 1995, 2.0 in 2005
- Sheep: 14.0 in 1995, 2.0 in 2005
- Goats: 2.0 in 1995, 1.0 in 2005

Trends mirror previous national surveys.
Opportunities for adding value by fattening

Prices are higher in winter than in autumn
Prices are high before Eid-el-Fitr

<table>
<thead>
<tr>
<th>All values in US$</th>
<th>Lamb sold in autumn</th>
<th>Lamb sold after fattening for 4 months</th>
</tr>
</thead>
<tbody>
<tr>
<td>Revenue from sale of lamb</td>
<td>60</td>
<td>140</td>
</tr>
<tr>
<td>Winter feeding cost of ewe</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Cost of diet for fattening</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Margin-over-feed costs</td>
<td>40</td>
<td>90</td>
</tr>
<tr>
<td>Value added from fattening lamb (US$)</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>
Conclusions in relation to original objectives
Identify market demand for livestock and livestock products

- Domestic market demand for mutton and beef is quite favourable
- Domestic meat market offers large potential
- Scope for processing of skins in Afghanistan
Identify livestock systems with potential for increasing rural household income

- Lamb fattening
Identify barriers to participation of rural households in the market

- Lack of animals for sale
- Lack of credit
- BUT availability of credit on its own is unlikely to result in re-stocking
Recommend action from community to policy levels

- Establish lamb fattening
- Devise re-stocking schemes
- Tackle informal payments along market chain
Identify future research needs

• Establish suitability of breeds for fattening
• Develop cost effective feeding systems
• More detailed research on potential of skins, wool, cashmere