Livestock and Poultry production and Feed Availability in Bangladesh

Dr. Khan Shahidul Huque
Bangladesh Livestock Research Institute (BLRI)

Livestock and Poultry Population, its holding pattern & contribution

Production systems
Feed Availability
Research & development approaches
Feed Biotechnology R & D programs
Livestock and Poultry
Large Ruminants - 22.06 millions
Small Ruminants - 14.2 millions
Poultry - 126.2 Millions

GDP contribution - 3.30%
FOREX earning - 4.31% of the total
Employment 20-25%
10.5% of the total fuel
Distribution of Livestock & Poultry

- Large Ruminants (L. Ruminants): 62.5%
- Small Ruminants (S. Ruminants): 75.8%
- Poultry: 69%

Farmers

- Small: 37.5%
- Medium & Large: 24.2%

- Small: 69%
- Medium & Large: 31%
Commercial vs Scavenging Poultry

Feed for commercial - mostly imported
Feed for Scavenging - traditional
Dairy Production

- Metro Dairy - mostly in towns and city based
- Traditional dairy - keeping cows traditionally
- Cooperative dairy - in potential areas supported by cooperative marketing

Meat production - traditional, processing and marketing not developed
  - Govt program on goat production
  - Cattle fattening
# Feed availability in Bangladesh

<table>
<thead>
<tr>
<th>Types of Feed</th>
<th>Requirement (M.tons)</th>
<th>Production</th>
<th>Availability</th>
<th>MJ/kgDM</th>
<th>CP%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Roughage</td>
<td>27.0</td>
<td>27.5</td>
<td>13.6</td>
<td>5-7.0</td>
<td>3.0-5.0</td>
</tr>
<tr>
<td>Concentrate</td>
<td>13.9</td>
<td>1.6</td>
<td>1.35</td>
<td>10.0-12.0</td>
<td>10.0-30.0</td>
</tr>
</tbody>
</table>
Feed Biotechnology

- Commercial poultry feed produced locally importing all ingredients
- Biotechnological R&D work is minimum

Dairy and cattle feed
- almost traditional
- Technology for processing & preservation used
- Rumen protozoa manipulation using oil or herbal agents - on going R&D works
This Seminar & Exhibition is important
- information gathering
- topics selected are important

A co-ordinated R & D approach involving member countries on Animal Feed Biotechnology along with human resource development will benefit farmers and consumers
Thank You all