Development of animal identification and recording systems for veterinary surveillance and livestock development

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Population

Total 3,4 mil.
- 2,1 rural 61,7 %
- 1,3 urban 38,3 %

Agriculture

- Agriculture land area 2,5 mil ha
- Agricultural land privatisation programme completed (arable & perennial plantations)
  - Animals:
    - Cattle 331,000
    - Sheep, goats 942,000
    - Pigs 398,000
    - Horses 73,000
    - TOTAL: 1,744,000

Over 95% of animals are owned by families
1-2 animals per holding / exploitation

Trade

Main Markets:
- CIS 60%
- Romania 37%
- Other 3%

Comparative prices (lei/kg)
Animals and animal origin products

Animals and animal products only $17.2 million
**Scenario**

<table>
<thead>
<tr>
<th>Stimulate (Exports)</th>
<th>Qty</th>
<th>Price /kg ($/head)</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>calves</td>
<td>100,000</td>
<td>2.16</td>
<td>324 $</td>
</tr>
<tr>
<td>lambs</td>
<td>300,000</td>
<td>3.12</td>
<td>46.6 $</td>
</tr>
<tr>
<td>Scenario Total</td>
<td></td>
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**Government Policy**

Ministry of Information Development

Main Information System Registers:
- Human Population
- Juridical
- Territorial and Departmental

www.mdi.gov.md
www.registru.md

Animal identification and registration of holdings system will be an autonomous element of an agro-cadastral system operated by the DVM.

**The Ministry of Agriculture and Food Industry (MAIA)**

- The Department of Veterinary Medicine (DVM)
  - The Central Competent Authority for identification of animals and registration of Holdings, regarding:
    - Traceability "from farm to fork", regarding:
      - Consumer protection and trust in food safety;
      - Monitor, control and prevent animal diseases;
      - Comply with EU and WTO requirements regarding trade in animals and products of animal origin.

www.moldova.md
www.maia.gov.md

**Status**

- 2001 Moldova becomes a member of the WTO
- 2004-2007 EU/Moldova Action Plan (European Neighbourhood Policy) includes a specific chapter on trade development / SPS / traceability systems
- 2003 Application for export of animals and animal origin products to the EU (Third Country Status)
- 2005 Commencement of in-country inspections and recommendations by the DG SANCO regarding the system of animal health and food safety
- 2006 Action Plan of the DVM to improve the system of animal health and food safety, including implementation of a system for animal identification and registration of holdings.

**Progress**

- Law on Animal Identification approved by Government
- Technical Regulation approved
- Government Concept regarding “Animal Register”
- Pilot successfully completed in one administrative region completed (30,000 animals) in 2005
- DVM to launch an International tender by the end of June 2006 for full National implementation
- Agenda of Material Reserves, Public Purchases and Humanitarian Assistance
  www.moldova.md
- Budget support and Technical Assistance provided by the EC through the Food Security Programme
- Planned completion by first quarter 2008

**Targets**

National System for Identification of Animals and Registration of Holdings

- One operator will be selected and contracted following the international tender
- National implementation will commence around September 2006
- An integrated IT system
- Operated by the DVM
- Updated by Veterinary Doctors in all regions of Moldova
Veterinarians and Zootechnicians

There is a professional, operational and administrative distinction in Moldova between Veterinary and Zootechnical operations.

The future functionality of the National Register of Animals will need to take into account the important issue of animal breeding and breed improvement.

Future functionality and things to do

1. Legislative and structural framework for genetic improvement
2. Introduction of top genetics and optimise the existing genetic stock
3. Establish high productive herds
4. Membership of International organizations
   - Establishing a relationship with ICAR
   - Applying for ICAR Membership
   - Review of the Animal ID programme by ICAR through the EC/FAO
5. Establishment of national milk testing program
6. Establishment of association of dairy breeds

...... More things to do

7. Investment in the AI infrastructure
8. Establishment of type evaluation system
9. Evaluation of the potential to export genetic resources
10. Active learning – practical base to improve professional level
11. Integration of production type evaluation and establishment of national index (including Interbull membership)

Finally .........

◦ Thank you for your attention!