
Control Programmes for Dairy Products

Ave EL KHOURY
Ministry of Agriculture

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Introduction

Lebanon is located in the Near East region at the eastern coast of the Mediterranean Sea

- Total land area: 10452 Km²
- Population: 4 million
- Services sector: >75% of the GDP
- Industrial sector: 12%
- Agriculture sector: 12%

Livestock Population & Milk Production

Species	Heads (x 1000)	Milking Animals (x1000)	Milk Production (1000 tons)
Cattle	77	44	190
Sheep	337	183	23
Goats	495	247	40
Total amount			253

Import/ Export

- Auto sufficiency level for dairy products:
<35%
- The imported value of dairy products (year 2010):
US\$ 270 million
- The exported value: US\$ 5.3 million

Import/ Export

	<i>Import</i>		<i>Export</i>	
Product	Tons	US\$ (x1000)	Tons	US\$ (x1000)
Liquid Milk	10600	13900	47	95
Milk powder	19900	77600	156	695
yogurt	1280	2600	1093	1245
Whey	697	946	823	745
Butter	5900	32600	73	235
Cheese	32500	142500	566	2356
Total	70877	270146	2758	5371

Competencies of the Animal Resources Directorate (VS/ MOA)

- Elaboration of regulations
- Control at farm level
- Control of Animal feed industry
- Surveillance and control of animal diseases
- Registration and control of veterinary drugs
- Control of establishments
- Control of slaughterhouses
- Control of zoonosis in collaboration with the MOH

Competencies of the Animal Resources Directorate (continue)

- Contributing to the establishment of food norms and standards
- Inspection of food industry and food of animal origin in the market
- Laying down the conditions for sanitary approval of establishments
- Control at borders check points:
 - Animals and products of animal origin
 - Physical and documentary inspection
 - Sample analysis

Control Programmes

-Practical Experiences-

1. Animal Diseases Control
2. Control and measures at farm level
3. Veterinary drugs control
4. Feed control
5. Milk production/ transportation
6. Dairy products/ processing
7. Dairy import

Animal Diseases Control

- Development of a 5 years control programme.
- Free services from the MOA:
 - Vaccination for brucellosis, FMD..
 - Treatment of some parasites.

Control & Measures at Farm Level

- Registration of farms at the MOA/ARD
 - Laying down conditions for registration
- In the process of implementing the Identification system for dairy cattle.
- Developing and implementing extension programmes for dairy farmers (Farm management- animal nutrition- hygiene- prevention of diseases...)

Veterinary Drugs Control

- Registration of Veterinary drugs
- Importation control
 - Registration
 - Verification of documents
 - Test of quality and purity
- Control of preparations plants
 - Compliance to GMP
 - Quality of products

Feed Control

- Establishing a new National Committee for Feed
- Import control
- Registration and control of local processing plants

Milk Production/ Transportation

- Extension for small farmers on milking and hygienic handling of milk
- Establishing a system for the collecting and cooling of milk in collaboration with the private sector
- Surveillance programmes on quality of raw milk
- New regulation on the transportation of milk and dairy products
 - Laying down sanitary conditions
 - Approval and Registration of transport vehicles

Processing/ Dairy Products

- New regulation laying down the sanitary conditions for dairy processing plants.
- Establishment and implementation of inspection and control programme.
- Sanitary registration of dairy processing plants.
 - Sanitary Approval Number: *AA BBB 999 LB*.

Processing/ Dairy Products

- Most of locally produced milk is processed:
 - Pasteurized milk
 - Laban & labneh
 - White soft & semi- hard cheeses
 - Ayrar
 - Chanklich

- Imported powdered milk:
 - Some white cheeses
 - Ayrar
 - Ice cream

Dairy Import

Ministerial decisions (MOA):

- Health requirements and standards for the import of milk powder, UHT milk and concentrated milk.

- Veterinary/ Health Certificate required for dairy products- based on OIE standards and codex standards and guidelines.

- Control at arrival
 - Physical and documentary inspection
 - Sample analysis

Perspectives and Conclusion

- Develop and implement a stronger control system at farm level and dairy processing plants.
- Develop and implement a Traceability system.
- Conduct National Surveillance Programmes for contaminants and residues.

THANK YOU
