### Analysis of economic losses along the milk value chain

**Institute**  
Veterinary Research Institute

**Center(s)**  
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**Problem Statement**  
Milk post-harvest loses threaten the livelihoods of many actors along the value chain. Households lose food and nutritional security and income. Mothers, children and infants are especially at risk of malnutrition. Overall, in dairy dependent households, such losses could predispose families to poverty. At the cooperative and processor levels, losses associated with milk rejection due to spoilage affect these institutions financially. Poor quality milk also means loss of income to many traders. At the County and national level, the impact of low quantity and quality milk limits access to export markets.

**Objective(s)**

1. To identify critical control points and quantify losses along the value chain
2. To identify and analyze sources of and factors associated with milk losses
3. To assess the economic impact of losses
4. To document and share information with stakeholders in the dairy industry and scientific community

**Planned Activities**

1. Formal survey/interviews along the chain to identify points/quantify losses
2. Interviews and focus group discussions to identify PESTILE factors associated with losses
3. Analysis of socio-economic impact
4. Documentation, communication and knowledge sharing

**Outputs**

1. Critical Control Points of milk losses and volume of milk losses per year in the value chain quantified and documented
2. Key factors responsible for milk losses analyzed and strategy to prevent losses recommended
3. Socio and economic impact of milk losses at household, county and national level determined

**Outcomes**

1. Stakeholders’ consensus on study objectives and approach obtained. Volumes lost determined
2. Important factors responsible for losses determined and documented
3. Value of milk lost along the chain determined
4. Recommendations on intervention strategy to prevent losses documented and promoted

**Budget**  
1,200,000.00

**Start date**  
2017-09-01

**End date**  
2017-10-31

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**Collaborators**  
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