



Ministry of Agriculture and Livestock Development
State Department for Livestock Development
P.O. Box 30028 Nairobi



Emergency Locust Response Program
P.O. Box 30028,
Nairobi



Kenya Agricultural & Livestock Research Organization
P.O. Box 57811-00200,
Nairobi



Kenya Climate Smart Agriculture Project
P.O. Box 8073 00200,
Nairobi



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Sustainable Agricultural Livelihood Restoration, Rehabilitation and Resilience in Kenya

Guidelines on Sustainable Ruminant Feeds and Nutrition Security for Kenya

CHAPTER 5 FEED AND NUTRITION SECURITY OUTPUTS, OUTCOMES AND IMPACTS

5.4 Impact

1. Food security and availability: Increasing feed productivity contributes to addressing food security challenges by producing more food with fewer resources. It helps ensure a stable and sufficient supply of animal-based products to meet the nutritional needs of a growing global population.
2. Sustainable resource utilisation: Efficient feed utilisation helps optimise the use of natural resources. With increased feed productivity, fewer resources such as land, water, and energy are required per unit of animal product, resulting in a more sustainable agricultural system.
3. Reduced environmental impact: Higher feed productivity can lead to reduced environmental impact associated with livestock production. By minimising resource inputs and waste generation, such as manure and greenhouse gas emissions, it supports more sustainable and eco-friendly farming practices.
4. Reduced economic losses: Livestock resource-based conflicts can result in economic losses for livestock keepers. These losses may include the destruction or theft of livestock, damage to infrastructure, and disrupted market access. When conflicts are reduced, livestock keepers experience fewer economic losses, allowing them to invest in their herds, expand their operations, or diversify their income sources.
5. Enhanced social cohesion: Conflict over limited resources can strain social relationships and community cohesion among livestock keepers. By reducing such conflicts, social cohesion can be restored or improved. This can foster cooperation, knowledge sharing, and collective action among livestock keepers, leading to stronger community networks and the potential for collaborative initiatives to address common challenges.
6. Food security and availability: Increasing feed productivity contributes to addressing food security challenges by producing more food with fewer resources. It helps ensure a stable and sufficient supply of animal-based products to meet the nutritional needs of a growing global population