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# Sustainable Agricultural Livelihood Restoration, Rehabilitation and Resilience in Kenya

## Guidelines on Sustainable Ruminant Feeds and Nutrition Security for Kenya

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### CHAPTER 4 STRATEGIC INTERVENTIONS TO ADDRESS RUMINANT FEED AND NUTRITION INSECURITY

#### 4.1 Pillar 1. Feed availability

Feed availability is influenced by production, feed reserves, markets, and transport system, among other factors. The following are the interventions to address issues in feed shortage or unavailability:

#### 4.1.5 Intervention 5. Strategies to improve the feed transport system

##### 4.1.5.1 Improve transport networks

- i. Upgrade link road standards to all-weather status
- ii. Upgrade main trunk roads to bituminous status
- iii. Maintenance of roads to passable status
- iv. Increase road network to production and utilisation centres
- v. Use more alternatives to truck transport
- vi. Establish transport groups for animal feeds along the main transport routes
- vii. Establish link points to the main trunk lines
- viii. Suitable transport trucks and other local means e.g. customised donkey carts, tuktuk

##### 4.1.5.2 Encourage specialised modes of feed transportation and delivery

- i. Suitable transport truck designs for different types of feeds
- ii. Reduce distances by having many feed centres
- iii. Pooling transport to reduce costs
- iv. Operate at economies of scale- e.g. Transport in bulk



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#### *4.1.5.3 Enhance security and safety along the feed transportation corridors*

- i. Provide community security on feed infrastructures and along transport routes
- ii. Local community ownership of the feeds and feed infrastructures
- iii. Install security gadgets, e.g. CCTVs and tracking systems along transport corridors
- iv. Police escort and reinforcement along transport corridors

#### *4.1.5.4 Improve standardisation of feed packaging, transportation rates and code of regulation*

- i. Lobby for the establishment of standard charges per unit of feed or feed ingredient package
- ii. Develop standard packaging materials
- iii. Develop standard materials for reusable packaging
- iv. Establish standard package weight/size for different feed types
- v. Mapping stock routes to encourage efficient feed and water delivery