



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



Emergency Locust Response Program
P.O. Box 30028,
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Kenya Agricultural & Livestock Research Organization
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Kenya Climate Smart Agriculture Project
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Sustainable Agricultural Livelihood Restoration, Rehabilitation and Resilience in Kenya

Guidelines on Sustainable Ruminant Feeds and Nutrition Security for Kenya

CHAPTER 4 STRATEGIC INTERVENTIONS TO ADDRESS RUMINANT FEED AND NUTRITION INSECURITY

4.3 Pillar 3. Feed utilisation

The factors influencing feed utilisation include its quality, safety, standards, processing, and value addition, among other factors. This section contains the strategic interventions to address the critical issues hindering feed utilisation

4.3.4 Intervention 4. Strategies to improve feed processing and value addition

- i. Use of modern and efficient feed processing technologies (high rate chopper, grass shredder, feed pelletiser, chaff /straw crusher, feed production line for feed centres) (Photos 4.5 and 4.6)
- ii. Enhance access to quality feed and ingredients: inclusion of feed additives such as enzymes, probiotics, and organic acids; and fodder biofortification, for example, with trace elements (e.g. zinc, selenium, cobalt, copper, iron, manganese, boron)
- iii. Organise farmers into groups and associations that buy feeds and feed ingredients, and distribute them to their members.
- iv. Registration of feed operators, feed stockists and agro vets who trade on feed and feed ingredients
- v. Establishment and enhancement of feed analysis laboratories at the County level
- vi. Reduced cost of modern feed technology, equipment and power by the use of alternative renewable energy (e.g. wind, solar, geothermal, biogas, bagasse)
- vii. Enhance farmer skill and capacity building in good feed manufacturing practices, including feed formulation, processing and value addition
- viii. Encourage participation of the youths vulnerable and marginalised groups (VMGs) in feed production and processing business
- ix. Develop specific credit facilities for youths to engage in youth processing enterprises



Photo Error! No text of specified style in document.-1. Animal feed shredder (Source: www.alibaba.com/showroom/animal-feed-shredder-machine.html)



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Photo Error! No text of specified style in document.-2. Pelletiser (Source:
www.alibaba.com/showroom/animal-feed-shredder-machine.html)