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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

5.2 Outputs

1. Improved animal growth: Higher feed productivity means animals receive better nutrition, resulting in enhanced growth rates. Animals can reach market weight faster, leading to increased efficiency in meat, milk, or egg production.
2. Enhanced feed conversion ratio (FCR): FCR is the ratio of feed consumed to weight gained by animals. Higher feed productivity often corresponds to a more favourable FCR, indicating that animals convert feed into body mass more efficiently. This leads to reduced feed costs per unit of output.
3. Higher production output: Improved feed productivity leads to increased production of animal products such as meat, milk, and eggs. This helps meet the growing demand for food and enhances the availability of nutritious animal-based protein sources.