



The Role of Nutrition in Animal Health

Reshma R Chandran*

M.V. Sc, Animal Nutrition, India

***Corresponding Author:** Reshma R Chandran, M.V. Sc, Animal Nutrition, India.

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Animal nutrition is indeed a cornerstone of good health for livestock. A well-balanced diet plays a vital role in providing the essential nutrients, vitamins, minerals, and energy that animals require for optimal growth, reproduction, and a strong immune system.

Animals have diverse nutritional needs depending on their species, age, and life stage. Ensuring these requirements are met is essential for their overall health and performance. For example, growing animals require diets with higher protein and energy content to support their rapid development. Similarly, lactating animals need diets that cater to the demands of milk production. While nutrition and feeding alone cannot create high-potential animals, but they are essential for these animals to reach their full productive potential. It is indeed illogical to attempt breeding, artificial selection, and genetic improvement of animals under inadequate feeding conditions.

Proper nutrition is directly correlated with the prevention of common health issues and helps animals to reach their full genetic potential. Conversely, a deficiency or excess of specific nutrients can lead to a range of health problems, including poor growth, reduced milk production, weakened immunity, and reproductive disorders.

Modern farming practices, with a reliance on concentrates for maximized yield, can inadvertently lead to deficiencies in essential minerals and vitamins. Numerous studies have demonstrated a direct correlation between nutrition and reproductive performance. Deficiencies in specific minerals can reduce fertility and lead to poor foetal development.

Proper nutrition is not only about yield quantity but also yield quality. Consumer preferences are shifting towards sustainably and humanely produced farm products. A rich diet enhances both the quantity and quality of livestock production, without resorting to harmful substances or conditions.

The success of a farm depends on how you feed, handle, and care for your animals. Providing your livestock with essential nutrients, in the right quantities and at the appropriate times, is crucial for their overall health and the farm's productivity.

Proper nutrition is indeed a fundamental aspect of animal health and well-being. Recognizing the specific nutritional requirements of your livestock and proactively monitoring and adjusting their diets, can significantly influence their growth, performance, and overall resilience to disease.