

Advances Animal Production



'Advances in Animal Production' has been designed to provide information on age old practices of animal production in the Bhartiya Territory. The book is organized for the graduate classes of Animal (Livestock) Production, not only for India but also the neighbouring countries. The book has been presented in 18 chapters comprising of introduction, basic requirements of animals, educational system in animal production, phases of life and foods, foods of animals, nutritive value, feeding value, care and dressing of body coat and hairs of domestic animals, uses of domestic animals, ornaments and ornamentation of domestic animals, uses of byproducts of domestic animals, fairs and markets of animals and animal products, animal husbandry, animal health, animal nutrition, animal husbandry and food museum, processing of paddy (rice) straw for the use of cattle, feeding of cattle in goshala, relationship between natural nursing and gestation length and successive breeding interval, employments in animal production and trading, human-animal relations in Indian culture and customs, animal communication.

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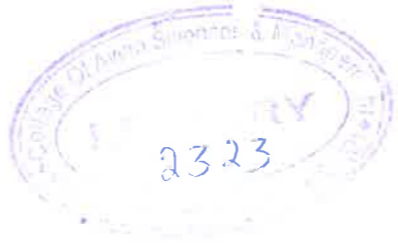


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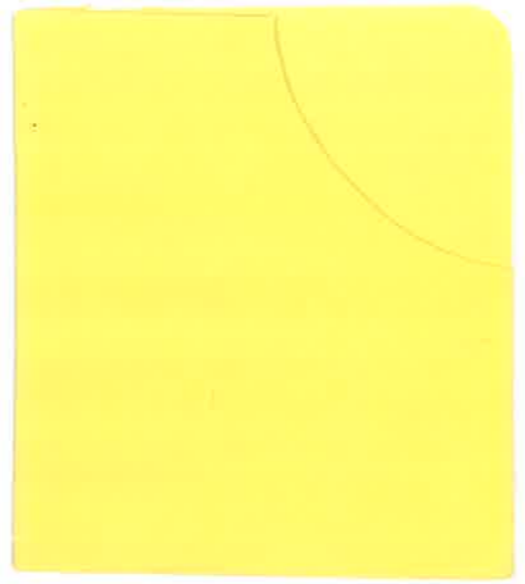


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Chapter 1

Introduction

Animal production has high impact on the health of the people of any country. Bharat is one of the few nations on the earth bestowed with enormous diversity not only in the topography and climate, but also in the plants and animals. The civilization in the Bhartiya subcontinent developed much before the history propagated today. Agriculture and animal husbandry were the backbone of economics of the country since the Vedic period which was definitely older than the Ramayan period calculated by different methods to be 7000 to 8000 years old. The agricultural activities covering crop production to animal production and floriculture to orchard development of fruits alongwith other minor activities were well developed. Descending down to Mauryan period, the great economist and politician Acharya Chanakya (Kautilya/Vishnu Gupt) has presented systematically the methods of agriculture, animal production and other important aspects of concern with human life.

The scholars from different countries acquired knowledge in different areas and returned back to their native lands to work for the welfare of their people, but looters invaders from some parts of Asia and Europe not only looted the wealth but also destroyed the treasures of knowledge in the libraries and specialized Institutions of Nalanda and Takshila universities. The nation was captured by the flesh eating invaders. On one hand they burnt the treasures of knowledge development from continuous research for the welfare of mankind, on the other hand they started eating our domestic and other animal wealth. This resulted in the disappearance of 'Kamdhenu' and 'Shyankard Ashwa'. The most unfortunate part was the role of some native rulers who only for revenge from their own brothers invited the invaders and joined hands with them for killing the blood relatives and destroying the wealth of the nation.

Inspite of all the odds, the Yogis, Sanyasi and Gunijans in their ashrams in remote places saved the seeds of food grains, medicinal plants, fruit trees, timber trees, grasslands, lakes and farm animals.

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