

# POULTRY PRODUCTION AND HATCHERY MANAGEMENT



There is a marked improvement in the Animal Husbandry sector and in particular in the Poultry Sector in India, as it is emerging as an important activity for enhancing nutrition and providing employment as the broiler production has grown in importance. According to industry sources, the animal output of broilers has multiplied six-fold in the current decade with annual rate of growth amounted to 20 per cent for broilers and ten per cent for eggs.

Today, India ranks as the world's third largest egg producing country and fifth largest poultry meat producer. Today a network of over 500 commercial hatcheries and breeding farms, 100 commercial feed mills, Veterinary pharmaceuticals and equipment manufacturers have made poultry farming a dynamic agri-business, duly supported by research and development.

This book would be of great use to undergraduate, post-graduate students, teachers and scientist's affiliated to poultry science. In this text book, emphasis has been given on the general management, feeding and nutrition disease control & diagnosis of broiler and layer chicken and hatchery management. It is a first edition of the book and we hope it will be very useful to all the target groups and end-users.

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HATCHERY MANAGEMENT

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Poultry Production and Hatchery Management



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## *Preface*

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Poultry farming in India was a backyard venture almost upto 1960. Indigenous Poultry which are hardy but poor in growth and productivity were used for the production of eggs and meat. Lack of interest in poultry improvement was due to low productivity of indigenous birds, low eggs and meat, inadequate knowledge of husbandry practices prejudices against raising of chicken and consumption of poultry egg and meat.

During last four decades the entire scenario of poultry farming in the country has change. It is now recognised and scientifically based industry and a potential to fight poverty and malnutrition. Thousands of Poultry farms, both small and large have come up all over the country and indigenous desi birds have given way to highly specialised layers and broilers. A network of hatcheries has been established in public and private sectors to supply quality commercial hybrid chicks.

Today, India ranks 4<sup>th</sup> in egg production and 19<sup>th</sup> in broiler production in the world. The growth rate for eggs and broiler production has been as high as 10 and 15 per cent respectively. Undoubtedly, what has been achieved is quite impressive. However, with globalisation of world trade, there is greater need to promote export-oriented poultry eggs and meat in the country.

In this context, a comprehensive book on poultry production and hatchery management has been written to fulfill a well and badly felt need of an elaborately covered topics which can cater the need of students, researchers, teachers and people affiliated with poultry and hatchers industry.

We are sure that this book would act as a guide to one and all in poultry sector for their individual and industrial development as it would make them aware to what extent they can grow by crossing the initial hurdles.

Last but not the least we are indebted to the poultry farmers of this country who are the real heroes for bringing the poultry industry on global map.

**Authors**



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