A-Z of Pig Production

Pigs are domesticated in various parts of India, especially in South-Central and North Eastern Region, each place has its own locally adapted pig breed, and most households raise at least one or two pigs each year. Although the long tradition of pork consumption in India includes variation across different times, places and social relations, the smallholder model of raising pigs as part of diverse crop and livestock agro-ecosystems, coupled with only occasional meat eating, defines much of the country's pig and pork history. The 21st century agricultural and dietary changes however represent radical departures from the small holder production system and consolidation of industry is clearly visible in the last two decades. In India, the speed and scale of change in the commercial piggery has been phenomenal, conditioned by policies, investments and the transforming economic system.

Among animal husbandry, piggery holds unique advantage due to its fecundity, fast growth rate, high feed conversion ratio and high dressing percentage. In India, potential for piggery as business opportunity has not yet been fully realized. With the increasing pressure on land, pig rearing could offer economic, food and social security to the otherwise resource poor families. Pig production shall involve sound application of basic scientific principles to suit the situation to perfection so that it becomes an art. This book was designed to benefit those who are interested in adopting scientific pig rearing practices and pork processing in an enterprising manner. The text provides detailed information on 1) pig production scenario, pig genetics resources and breeding strategies, 2) pig farm management and nutrition, 3) Biosecurity in a pig farm 4) reproduction in pigs, 5) pig diseases and their management, 6) e-Resources for pig farming, 7) Credit assistance for pig rearing, 8) abattoir construction and hygienic pig slaughter, 9) pork processing and value addition and 10) pig byproduct utilization and abattoir waste management.

KEY FEATURES

- Most recent information on scientific pig production practices
- From scientific background to practical applications
- Biosecurity measures to be followed in a pig farm
- Field application of artificial insemination in pigs
- Emerging pig diseases and their control measures
- Practical information on pig abattoir construction
- Practical information on pork processing and value addition
- Strategies for effective pig co-products utilization
- Details of e-Resources for pig farming