

Commercial Poultry Production and Management

Poultry farming or production is the raising of domesticated birds such as chickens, turkeys, ducks, and geese, for the purpose of farming meat or eggs for food. Poultry are farmed in great numbers with chickens being the most numerous. Today's poultry are the product of complex, scientifically based programmes aimed at producing more meat or eggs while consuming less feed. The sector needs competent and skilled people including poultry hands, hatchery attendants and chicken sexers. Supervisors and managers are required to run egg farms, hatcheries, broiler farms and 'contract growing' establishments. Intensive poultry farming is free-range farming, however, this method of husbandry also uses large flock sizes in high stocking densities. Changes in commodity prices for poultry feed have a direct effect on the cost of doing business in the poultry industry. This book has brought together the latest updates the poultry farming practices to get maximum returns. The compact information on breeds of poultry, conservation and bio-diversity, nutrition, housing and hatchery management, poultry diseases poultry products technology has also been incorporated in the book. It is expected that the book will provide much needed information to the students, field veterinarians, researchers and others interested in poultry farming activities.

Contents: Circadian Control of Egg-laying • Breeder Nutrition and Chick Quality • Effect of Incubating Poor Quality Broiler Breeder Hatching Eggs • Broiler Production: Considerations for Potential Growers • Broiler Production Systems: The Ideal Stocking Density • The Economic Importance of Poultry Ventilation Management • Manifestations of Clostridium Perfringens and Related Bacterial Enteritides in Broiler Chickens • Balancing Genetics, Welfare and Economics in Broiler Production

Jonathan Ince is an associate professor in the Department of Food, Nutrition, and Packaging Sciences. He has more than 3 year experience in industry, teaching, research and extension in the area of Livestock Products Technology, Poultry vaccination, nutrition, grading and uniformity, ventilation, light program, poultry equipment, blood sampling, laboratory examination and interpretation. He is researching and teaching poultry courses experience at the university level. He is also a Research Professor and the Head of the Laboratory of Meat Science at the Institute of Agro-chemistry and Technology of Food. He is the author or editor of 6 books on meat, poultry and other dairy products. Jonathan Ince is renowned for his research expertise in food packaging and in the processing of muscle and muscle-based foods.

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