

# A Colour Atlas of Poultry Diseases An Aid for Farmers and Poultry Professionals

This is the first ever such atlas to be produced for Indian farmers and poultry professionals. Its objective is to provide a handy tool to farmers for on-the-spot diagnosis of diseases, under field conditions.

Although a large number of laboratory tests, some sophisticated like ELISA and PCR, have been developed for the diagnosis of poultry diseases, they are either not available or are beyond the reach of most farmers. Moreover, by the time birds reach laboratory, they are mostly decomposed and unfit for postmortem examination and disease diagnosis. The delay in diagnosis allows the disease to inflict mortality and ruin farmer's economy. The key to disease control then is on-the-spot diagnosis. It is with this objective that the colour atlas has been produced - to make readily available to poultry farmers a handy tool for immediate and accurate disease diagnosis under field conditions.

A large number of poultry diseases, including the more deadly like Ranikhet and Gumboro, leave their footprints in the dead bird. From these characteristic postmortem findings, it is possible to arrive at a correct diagnosis. The atlas provides 150 coloured photographs and covers a wide spectrum of poultry diseases. For important diseases, several photographs are given so that at no stage their diagnosis is missed. Also, wherever considered appropriate, pictures of live birds showing symptoms of specific diseases are given. In addition, each disease is accompanied by a brief description that highlights its salient features and also records author's field observations.

As this book is intended exclusively for disease diagnosis, it should be read alongside author's another book - 'Poultry diseases - A guide for farmers & poultry professionals (2004) by J. L. Vegad' - to obtain information on other aspects of poultry diseases, namely, cause, transmission, symptoms, diagnosis, treatment, and control.

Although the book is written to meet requirements of poultry farmers, it will be equally useful to poultry consultants, diagnostic laboratories, and will acquaint the veterinary students with poultry diseases under field conditions.



**Dr. J.L. Vegad** was Professor and Head, Department of Veterinary Pathology at Jawaharlal Nehru Krishi Vishwavidyalaya, Jabalpur. He was then Professor Emeritus of the Indian Council of Agricultural Research for two years. B.V.Sc. (Gold Medalist) from Jabalpur (1958), Associate IVRI (1960), he obtained Ph.D. from New Zealand (1968) under a Commonwealth Scholarship. His contributions are pioneering on chicken inflammation. He has published more than 150 research papers, 60 of them in British, American and New Zealand journals. Three of his Ph.D. students got the 'Jawaharlal Nehru Award' of the ICAR. He himself is recipient of 'Rafi Ahmed Kidwai Memorial Award' of ICAR, Dr. C.M. Singh Samman and Dr. Nemi Chand Jain Lifetime Achievement Award. He was a Visiting Professor at the University of California, Davis, USA. He is author of three textbooks in Veterinary Pathology and one book on Poultry Diseases for farmers and poultry professionals. He has contributed a chapter in the 5<sup>th</sup> edition (2000) of Schalm's Veterinary Hematology published from USA. For seven years he was President of the Indian Association of Veterinary Pathologists. At present, he is an adviser to the Phoenix Group, Jabalpur. Also, he has been honoured as the Best Teacher JNKVV; with Fellowship of the Indian Association of Veterinary Pathologists, Society for Immunology and Immunopathology and National Academy of Veterinary Sciences; Dr. C.M. Singh Samman; 'Dr. Nemi Chand Jain Lifetime Achievement Award' of the Indian Association of Veterinary Pathologists (IAVP), and with Dr. J.L. Vegad Foundation under the auspices of IAVP.

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Bhopal | Nagpur | Patna | Vijayawada

ISBN: 978-81-239-2840-1



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**An Aid to Farmers and Poultry Professionals**

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Adviser  
Phoenix Group  
201/15, Ratan Colony  
PB. 75, Gorakhpur  
Jabalpur - 482001



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New Delhi • Bengaluru • Chennai • Kochi • Kolkata • Mumbai • Pune  
Hyderabad • Nagpur • Patna • Vijayawada

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