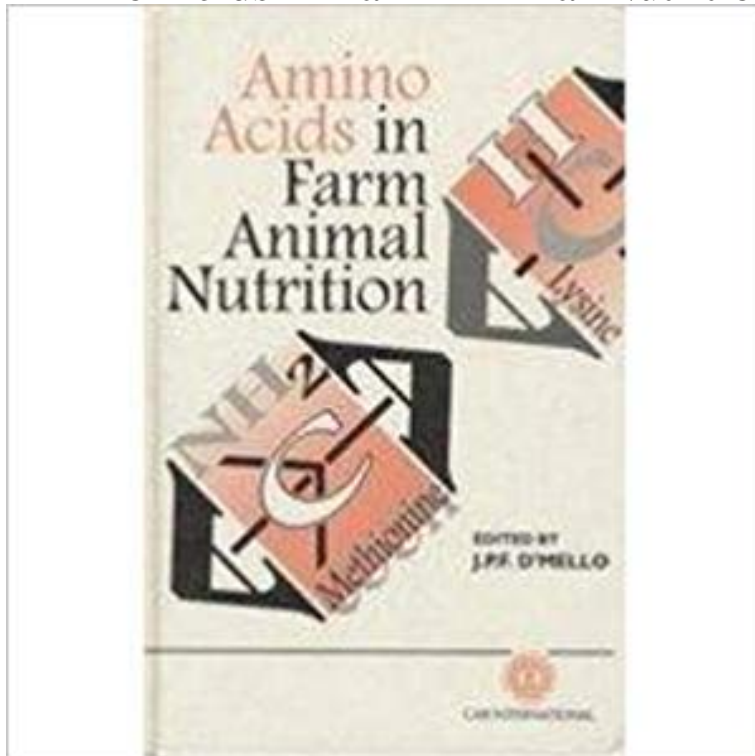


Amino Acids in Farm Animal Nutrition



As the building blocks for proteins, dietary amino acids are of great importance in the feeding of farm animals produced for human consumption. Considerable research has been undertaken into the amino acid requirements of the various species of farm animals and there is now increased interest in the commercial production of pure amino acids as feed supplements. Written by leading authorities from the USA, UK, Australia and New Zealand, this book provides a comprehensive review of recent advances and current knowledge of amino acids in farm animal nutrition. The first five chapters consider general issues, such as methodology for amino acid analysis, utilization of precursors, ideal amino acid patterns and amino acid imbalances and toxicities. The remaining eleven chapters focus on particular species including pigs, poultry, ruminants and finfish. There is emphasis on modelling amino acid metabolism in various species and on determining optimum requirements and dietary balances. The book is aimed at advanced students and research workers in animal nutrition, for whom it represents a definitive work.

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