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| 1. Record Nr.           | UNINA9910823373603321  |
| Titolo                  | Enzymes in farm animal nutrition // edited by Michael R. Bedford and Gary G. Partridge   |
| Pubbl/distr/stampa      | Oxon, UK ; ; New York, : CABI Pub., c2001  |
| ISBN                    | 1-280-81168-4<br>9786610811687<br>0-85199-941-7  |
| Edizione                | [1st ed.]  |
| Descrizione fisica      | 1 online resource (416 p.)   |
| Altri autori (Persone)  | BedfordMichael R <1960-> (Michael Richard)<br>PartridgeGary G. <1953->   |
| Disciplina              | 636.08/52  |
| Soggetti                | Enzymes in animal nutrition<br>Feeds - Enzyme content<br>Animal feeding  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Note generali           | Description based upon print version of record.  |
| Nota di bibliografia    | Includes bibliographical references and index.   |
| Nota di contenuto       | Contributors; Preface; 1 The Current Feed Enzyme Market and Likely Trends; 2 Enzymology and Other Characteristics of Cellulases and Xylanases; 3 Enzymatic Characteristics of Phytases as they Relate to Their Use in Animal Feeds; 4 Analysis of Feed Enzymes; 5 Maize: Factors Affecting its Digestibility and Variability in its Feeding Value; 6 Vegetable Protein Meals and the Effects of Enzymes; 7 Enzyme Supplementation of Poultry Diets Based on Viscous Cereals; 8 The Role and Efficacy of Carbohydrase Enzymes in Pig Nutrition<br>9 Interaction between Cereal Identity and Fat Quality and Content in Response to Feed Enzymes in Broilers<br>10 Digestion of Phosphorus and Other Nutrients: the Role of Phytases and Factors Influencing Their Activity; 11 Enzymes in Ruminant Diets; 12 Microbial Interactions in the Response to Exogenous Enzyme Utilization; 13 Enzymes: Screening, Expression, Design and Production; 14 Liquid Application Systems for Feed Enzymes; 15 Process Stability and Methods of Detection of Feed Enzymes in Complete Diets; 16 Future Horizons; Index |
| Sommario/riassunto      | This book provides a review of current knowledge of animal feed enzymes, including their mode of action, interaction with intestinal   |

physiology, economic and environmental impacts and application of  
technology into diets for different farm animal species.

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