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Collana	Woodhead Publishing Series in Food Science, Technology and Nutrition
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Overview of cattle production systems / Marcia I. Endres and Karen Schwartzkopf-Genswein -- Assessment of cattle welfare: common animal-based measures / Nigel B. Cook -- Assessment of cattle welfare: approaches, goals, and next steps on farms / Christoph Winckler -- Human-animal interactions: effects, challenges, and progress / Lily N. Edwards-Callaway -- Cattle priorities: feed and water selection, ability to move freely and to access pasture / Karin E. Schutz, Caroline Lee and Trevor J. DeVries -- ; The role of social behavior in cattle welfare / Margit B. Jensen -- Painful procedures: when and what should we be measuring in cattle? / Sarah J.J. Adcock and Cassandra B. Tucker -- Disease and injury: beyond current thinking about top causes of cattle morbidity / Rachel Toaff-Rosenstein -- Metabolic challenge: how does it affect welfare? / John B. Gaughan.
Sommario/riassunto	Advances in Cattle Welfare provides a targeted overview of contemporary issues in dairy and beef cattle welfare. The volume addresses welfare-related topics in both research and on-farm applications. Opening with an introduction to cattle production systems, the book covers three major areas of cattle welfare: on-farm welfare assessment, behavioral priorities of cattle, and novel perspectives on specific aspects of management. Chapters examine key issues within each area, including such topics as the goals and

measures included in welfare assessments, the importance to cattle of access to pasture and engaging in social behavior, human-animal interactions, painful procedures, and disease and metabolic challenge. This book is an essential part of the wider ranging series *Advances in Farm Animal Welfare*, with coverage of cattle, sheep, pigs, and poultry. With its expert editor and international team of contributors, *Advances in Cattle Welfare* is a key reference tool for welfare research scientists and students, veterinarians involved in welfare assessment, and indeed anyone with a professional interest in the welfare of cattle.--

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