

# ***Normal Cattle Behavior and Activities***



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# Cattle Behavior And Welfare

**Marie Haskell**



## **Cattle Behavior And Welfare:**

*Cattle Behaviour and Welfare* Clive Phillips, 2008-04-15 Cattle are one of our major domesticated animals a higher mammal with complex mental and physical needs The benefit of a knowledge of cattle behaviour means veterinarians and stockpeople can recognise abnormal behaviour signs for disease diagnosis and indication of an inadequate environment This book replaces the book *Cattle Behaviour* written by the same author and published by Farming Press in 1993 The text has been revised and updated and four new chapters on cattle welfare have been added The main interest of many reading a book on behaviour is its relation to the welfare of the species so the combination of welfare and behaviour is a logical one

**The Welfare of Cattle** Terry Engle, Donald J. Klingborg, DVM, Bernard E. Rollin, 2018-10-25 Contains a selection of White Papers commissioned to better inform the exploration of cattle welfare These are prepared by notable experts in their field to help provide factual context around selected topics that impact cattle welfare and production systems Covers all aspects of cattle use in an accessible style making this a must have volume for anyone interested in cattle welfare or cattle medicine Provides an in depth picture of the distinctive beef and dairy cattle welfare practices and issues covering topics such as behavior breeding and genetic manipulation nutrition and feeding housing and management health and disease and transport and slaughter Written by acknowledged leaders in animal science veterinary science philosophy and animal welfare presenting a truly multidisciplinary perspective on cattle welfare Includes a section on understanding and managing animal welfare in both beef and dairy cattle discussing how cattle perceive the world animal handling and pain mitigation and how to assure that the cows have a reasonably good life The Welfare of Cattle offers an accurate detailed account of the ethical and welfare concerns related to the human use of cattle There is currently no significant book dealing with the welfare of cows animals often seen as archetypal paradigms of farm animals Covering both beef and dairy cattle the expert authors provide in depth information on the husbandry roots of traditional agriculture the replacement of this system of stewardship by an industrial model and the resulting welfare challenges associated with industrial agriculture feedlots highly industrialized dairies and slaughterhouses killing huge numbers of animals who have been transported great distances This important book explores in detail the ways in which people who are providing care for cattle can take their first step or their next step toward enhancing the welfare of these animals

*The Welfare of Cattle* Jeffrey Rushen, Anne Marie de Passillé, Marina A. G. Keyserlingk, Daniel M. Weary, 2007-12-08 Animal welfare is attracting increasing interest worldwide but particularly from those in developed countries who now have the knowledge and resources to be able to offer the best management systems for their farm animals as well as potentially being able to offer plentiful resources for companion zoo and laboratory animals The increased attention given to farm animal welfare in the West derives largely from the fact that the relentless pursuit of financial reward and efficiency has led to the development of intensive animal production systems that challenge the conscience of many consumers in those countries In developing countries human survival is still a daily

uncertainty so that provision for animal welfare has to be balanced against human welfare. Welfare is usually provided for only if it supports the output of the animal be it food work clothing sport or companionship. In reality there are resources for all if they are properly husbanded in both developing and developed countries. The inequitable division of the world's riches creates physical and psychological poverty for humans and animals alike in many parts of the world. Livestock are the world's biggest land user. FAO 2002 and the population is increasing rapidly to meet the need of an expanding human population. Populations of farm animals managed by humans are therefore increasing worldwide and there is the tendency to allocate fewer resources to each animal.

**Understanding the behaviour and improving the welfare of dairy cattle** Prof Marcia Endres, 2021-02-23. Particularly strong focus on understanding dairy cattle behaviour as the foundation for improving welfare in such areas as cognition and learning pain and stress as well as social behaviour. Covers developments in more animal outcome based welfare indicators as well as advanced sensor acoustic and video techniques for monitoring behaviour and welfare. Comprehensive review of welfare issues across the value chain from calves and heifers to culling.

**Cattle Behaviour** C. J. C. Phillips, 1993. **Farm Animal Behaviour and Welfare** Andrew Ferguson Fraser, Donald M. Broom, 1990. Fundamental processes in behaviour: Experience learning and behaviour development. Motivation. Evolution and optimality. Neuroethology. Hormones and pheromones. Organization of behaviour in the individual animal. Reactivity to predators and social stimuli. Feeding. Body care. Locomotion and other movements. Exploration. Spacing behaviour. Rest and sleep. Social and reproductive behaviour. General social behaviour. Association. Social interaction. Reproductive abilitation. Female sexual behaviour. Male sexual behaviour. Copulation. Early behaviour and parental behaviour. Fetal behaviour. Parturient behaviour. Maternal behaviour. Neonatal behaviour. Juvenile behaviour. Play practice and exercise. Welfare. Welfare terminology and concepts. Welfare measurement. Humane control of livestock. Welfare and behaviour in relation to disease. Abnormal behaviour. 1 Stereotypies. Abnormal behaviour. 2 Self directed and environment directed. Abnormal behaviour. 3 Addressed to another animal. Abnormal behaviour. 4 Failure of function. Abnormal behaviour. 5 Anomalous reactivity. Cattle welfare problems. Pig welfare problems. Poultry welfare problems.

*Efficient Livestock Handling* Bonnie V. Beaver, Don Höglund, 2015-10-27. *Efficient Livestock Handling* The Practical Application of Animal Welfare and Behavioral Science brings together the science based disciplines of animal behavior and welfare to discuss how knowledge of one area behavior can be used to promote the other. Emphasis is on cattle and horses but swine sheep and goats are also covered. Three major areas are included and integrated into a practical approach to working with the various species. Basic behavior as it applies to handling is discussed with differences noted between species. The connections of behavior and handling are covered and practical applications discussed both with a liberal use of pictures and videos to bring the concepts to life. Incorporates a clear approachable style for researchers and practitioners alike facilitating understanding of the techniques described. Features supplementary video content on a companion site providing practical demonstration of the topics discussed in the

work and a useful tool for learning the concepts presented Includes extensive references increasing the book s utility for serious researchers as well as those who want to implement better handling practices

**Broom and Fraser's Domestic Animal Behaviour and Welfare 6th Edition** Donald M. Broom,2021-11-17 Completely updated and revised and synthesizing the recent explosion in animal welfare literature the sixth edition of this best selling textbook continues to provide a thorough overview of behaviour and welfare of companion and farm animals including fish The introductory section has been completely revised with all following chapters updated redesigned and improved to reflect our changing understanding Written by a world leading expert and key opinion leader in animal behaviour and welfare this text provides a highly accessible guide to the subject It is an essential foundation for any veterinary animal science animal behaviour or welfare focused undergraduate or graduate course

**Cow Talk** John Moran,Rebecca Doyle,2015 The aim of this manual is to improve the welfare of dairy cattle in tropical developing countries and by doing so to optimize cow and herd performance It gives the stockmen and farmers directly concerned with the cattle a better understanding of animal behavior and the ways cattle communicate their comfort or distress The book discusses normal cattle behavior and shows how domestication and breeding can affect behavior to achieve high levels of production of milk live weight gain and fertility Animal welfare is important for producers because it can affect the health production and contentment of cows Animal welfare practices which adversely affect cow and herd performance on tropical small holder dairy farms are identified Advice is then given to change the animal s environment or modify a handler s technique to ensure cattle have the degree of comfort needed to achieve more profitable and sustainable systems of livestock farming

**Advances in Cattle Welfare** Cassandra Tucker,2017-11-28 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 the three major areas of cattle welfare on farm welfare assessment behavioral priorities of cattle and novel perspectives on specific aspects of management Chapters examine the 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 and pigs 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 Brings together top researchers in the field to provide a comprehensive overview of recent advances in the understanding of cattle welfare and management Analyzes welfare issues for both dairy and beef cattle of all ages Examines the issues from the perspective of what will be most important for the animal s overall welfare from housing systems to feeding

**Farm Animal Behaviour and Welfare** Andrew Ferguson Fraser,Donald M. Broom,1990 Commences with the

foundations and methods of behaviour including neuroethology and progresses through production of behaviour relating to maintenance and social activities Other topics discussed include reproduction and development abnormal behaviour and the practice of farm animal welfare

**Journal of the American Veterinary Medical Association** American Veterinary Medical Association, 2014 Vols for 1915-49 and 1956 include the Proceedings of the annual meeting of the association

**Cattle Welfare in Dairy and Beef Systems** Marie Haskell, 2023-11-10 This book provides a comprehensive coverage of all aspects of the welfare of cattle It starts with a consideration of animal welfare science and its application to the management of cattle and moves through to discussions of the challenges and opportunities for providing good welfare for cattle in farming and husbandry systems across the globe The first section comprises three chapters that discuss the social behavioural and physiological methods that can be used to assess welfare in cattle The second section considers the welfare challenges of beef and dairy cattle in extensive and intensive systems The third section details welfare challenges such as at slaughter during handling and in the growing period and details solutions such as the use of sensors and application of animal breeding techniques The final section addresses welfare challenges and solutions in achieving sustainability in smallholder farms in Africa and new entrant dairying in Asia and cow shelters in India This work makes a valuable contribution to the field of animal welfare and modern livestock farming It is a must read for researchers and students

veterinarians as well as industry personnel and informed farmers and producers

*The Future of Animal Farming* Marian Stamp Dawkins, Roland Bonney, 2011-09-20 Does animal welfare have a place in sustainable farming or do the demands of a rising human population and the threat of climate change mean that the interests of animals must be put aside Can we improve the way we keep animals and still feed the world or is it a choice between ethics and economics The aim of this book is to challenge the them and us thinking that sets the interests of humans and farm animals against each other and to show that to be really sustainable farming needs to include not ignore animal welfare The authors of this remarkable book come from a diversity of backgrounds industry animal welfare organizations academic institutions and practical farming They are united in arguing that farm animals matter and that sustainable farming must have animal welfare at its ethical core along with the production of healthy affordable food and care for the environment

**Environmental Enrichment Information Resources for Laboratory Animals, 1965-1995** Cynthia Petrie Smith, Christine Nicol, 1995 Covers psychological well being ecological or behavioral needs of animals These are essential requirements not luxuries Sections articles and bibliographies journal listing and subscription information organizations North American resources European Asian and Australian resources suppliers and products and common devices and programs Each section is introduced by a paper which provides general background information on the biology of the animals and their currently accepted needs in captivity Extensive subject index

*Encyclopedia of Agriculture and Food Systems* Neal K. Van Alfen, 2014-07-29 Encyclopedia of Agriculture and Food Systems Second Edition Five Volume Set addresses important issues by examining topics of global agriculture and food

systems that are key to understanding the challenges we face Questions it addresses include Will we be able to produce enough food to meet the increasing dietary needs and wants of the additional two billion people expected to inhabit our planet by 2050 Will we be able to meet the need for so much more food while simultaneously reducing adverse environmental effects of today s agriculture practices Will we be able to produce the additional food using less land and water than we use now These are among the most important challenges that face our planet in the coming decades The broad themes of food systems and people agriculture and the environment the science of agriculture agricultural products and agricultural production systems are covered in more than 200 separate chapters of this work The book provides information that serves as the foundation for discussion of the food and environment challenges of the world An international group of highly respected authors addresses these issues from a global perspective and provides the background references and linkages for further exploration of each of topics of this comprehensive work Addresses important challenges of sustainability and efficiency from a global perspective Takes a detailed look at the important issues affecting the agricultural and food industries today Full colour throughout

[Social Behavior in Farm Animals](#) J. L. Keeling,2001 An understanding of social behaviour is increasingly necessary in farm animal husbandry as more animals are housed in groups rather than in individual stalls or pens There may be economic or welfare reasons for such housing This book is the first to specifically address this important subject The chapters fall into three broad subject areas concepts in social behaviour species specific chapters current issues Authors include leading experts from Europe North America Australia and New Zealand Animal welfare behaviour issues are becoming increasingly importantCombines theoretical and practical details about the social behaviour of our most common farm speciesWritten by leading experts from around the world

**Advances and Perspectives in Farm Animal Learning and Cognition** Christian Nawroth,Jan Langbein,2019-10-18 Research on animal learning and cognition has so far mainly focused on a few prominent model species including primates corvids and dogs For years comparative psychologists and ethologists have been suggesting that more animal species should be considered in comparative cognitive science The abundance and accessibility of livestock offer an opportunity not merely to extend the comparative approach but also to deepen our knowledge of the mental lives of farm animals Such approaches also help to assess the needs of farm animals in order to improve their welfare In recent years scientific interest in different aspects of farm animal psychology including emotionality personality and cognitive capacities has been on the rise proving that farm animals have sophisticated cognitive skills to comprehend and cope with their environment As knowledge of how farm animals perceive and interact with their physical and social environments is crucial for animal welfare the aim of this Research Topic is to promote investigations of farm animal cognitive capacities and their implications for animal welfare related issues We have therefore collected original research and review articles as well as opinion and perspective papers that are distributed among the two hosting magazines Frontiers in Veterinary Science section Animal Behavior and Welfare

and Frontiers in Psychology section Comparative Psychology The published articles present state of the art research on farm animal learning and cognition highlight future perspectives in this research area and pinpoint shortcomings and limitations in interpreting current findings They offer new cross disciplinary frameworks e g links between affective states and cognition and discuss the applied implementation of these findings e g cognitive enrichment These contributions will increase our understanding of the cognitive mechanisms that enable farm animals to effectively interact with their environment and pave the way for future cross disciplinary endeavors *Housing, Husbandry, and Welfare of Dairy Cattle* D'Anna J. B.

Jensen,1995 Assessing Cow-calf Welfare Gabrielle Elizabeth Simon,2015 Beef producers use assessment programs to communicate animal welfare information to consumers and retailers but to date there is no program designed for cow calf operations The first step in creating a welfare assessment is to investigate current practices and identify risk factors for welfare outcomes in order to inform decisions about program design The objectives of this study were to assess management facilities producer attitudes stockperson handling and cattle health and behavior on cow calf operations in order to 1 gather prevalence information 2 identify risk factors for welfare outcomes and 3 inform assessment design Cow n 3065 health and behavior and stockperson handling was observed during a routine procedure e g pregnancy checks on 30 California cow calf ranches Management and producer attitudes were evaluated through an interview and facility features were recorded at the chute and water access points Multivariable models were built for cattle health and stockperson handling outcomes using herd level predictors and for individual cattle behavior using stockperson handling measures at the cow level Cattle health problems were rare e g prevalence of lame cattle 1 3 1 5 0 to 7 1% mean SD range whereas cattle behavior and stockperson handling varied among ranches e g cattle balking 22 0 21 9 1 6 to 78 3% electric prod use 23 5 21 5 0 to 73 0% Thus the most relevant risk factor results were among handling and cattle behavior Use of the BQA training program had a protective effect on cow cleanliness and mis catching cattle in the restraint odds ratio OR 0 2 0 5 respectively Hydraulic chutes increased the risk of vocalizations OR 2 7 possibly because these systems can apply higher pressures which increase this behavior The use of moving aids was protective for balking at the herd level but a risk factor when used to handle individual cows OR 0 3 34 1 Likewise individual cows were at a higher risk of balking vocalizing stumbling and falling in the chute and stumbling and running at exit when an they were touched with an electric prod OR 1 7 When considering assessment design we faced challenges in terms of the feasibility e g the number of stockpersons handling cattle fluctuated so recording this measure was difficult validity e g nasal and ocular discharge can be caused by wind or illness and comparability e g we needed to define an explicit period for observing cattle to increase comparability across ranches of certain measures This study indicates that variation exists and improvement is possible in stockperson handling and cattle behavior in the chute and has identified risk factors associated with these outcomes These results along with methodological considerations will inform the design of future cow calf welfare assessments



## Whispering the Secrets of Language: An Mental Quest through **Cattle Behavior And Welfare**

In a digitally-driven world wherever monitors reign great and instant conversation drowns out the subtleties of language, the profound secrets and emotional nuances concealed within words frequently move unheard. Yet, set within the pages of **Cattle Behavior And Welfare** a interesting literary prize blinking with fresh emotions, lies an extraordinary journey waiting to be undertaken. Published by a talented wordsmith, this charming opus encourages visitors on an introspective journey, gently unraveling the veiled truths and profound impact resonating within the fabric of every word. Within the mental depths of the touching review, we can embark upon a honest exploration of the book is key styles, dissect their charming publishing design, and fail to the strong resonance it evokes strong within the recesses of readers hearts.

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