

Breeding Herd Management To Maximise Efficiency Output

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HOWARD MORENO

Control of Arthropods of Medical and Veterinary Importance Routledge
Trends in smallholder livestock enterprises; The impact of the introduction of exotic cattle in East and southern Africa; Intensive animal feeding practices for optimum feed utilisation; Importance of strong research-extension linkages in increasing livestock production in sub-Saharan Africa; Research on smallholder dairy research programmes in subhumid areas; Dairy/beef production systems research programme in Malawi; Research on smallholder dairy production in coastal lowland Kenya; Smallholder dairy on-farm research in Burundi; Smallholder dairy in Ethiopia; Dual-purpose goat research in western Kenya; Contribution of crossbred goats to milk production and social welfare in Burundi; Dairy goat research and extension at Sokoine University of Agriculture (lowlands) and Mgeta (hithlands) areas of Tanzania; Dual-purpose cattle in central Tanzania; Peri-urban small-scale dairy research programme in Botswana; Research on small ruminant production systems in Zimbabwe; Disease control approaches; Economic implications of the control of East Coast fever in eastern, central and southern Africa; Immunisation of cattle against East Coast fever: experiences in Zanzibar; Sustainable control methods for ticks and tick-borne diseases in Africa; New vaccine strategies against heartwater; Economics of trypanosomiasis control: research implications; Development of smallholder dairying; Smallholder dairy production in Zambia; Smallholder dairy development in Malawi; Kenya National Dairy development project; Dairy development programme in Tanga, Tanzania; Smallholder dairy development programme in resettled and communal areas in Zimbabwe; Development of smallholder dairying in Zanzibar; Marketing options for livestock products: a total systems cum-managerial perspective; Other production systems; Group ranch concept and practice in Kenya with special emphasis on Kajiado District; Introduction of dairy cattle production systems in soil conservation areas; Wool and mohair production in Lesotho; Synthesis of constraints to livestock research and development and recommendations.

Adapting Agriculture to Climate Change ILRI (aka ILCA and ILRAD)

Blueprints for Tropical Dairy Farming provides insight into the logistics, infrastructure and management required for the development of small and large dairy farms in tropical developing countries. Farmers will learn how to improve the welfare, milk quality and productivity of their dairy herds. This book complements author John Moran's five previous books on the principles of tropical dairy farming. The manual covers a wide range of topics related to ensuring the sustainability of dairy production systems in tropical developing countries, such as South and East Asia, Africa and Central America. It also provides guidelines for the best management practices of large-scale, more intensive dairy systems. While smallholder farms are the major suppliers of milk in the tropics, many larger farms are becoming established throughout the tropics to satisfy the increasing demands for fresh milk. Blueprints for Tropical Dairy Farming will be a valuable resource for farmers and stockpeople who want to improve the productive performance of their dairy herds, farm advisers who can assist farmers to achieve this aim, educators who develop training programs for farmers or who train dairy advisers in the basics of dairy production technology, and other stakeholders in tropical dairy production, such as local agribusiness, policy makers and research scientists. National and international agencies will learn new insights into the required long-term logistics for regional dairy development, while potential investors will acquire knowledge into intensive tropical dairy farming.

Global Agenda for Livestock Research Springer Science & Business Media

As the standard theriogenology text for veterinary students, Veterinary Reproduction and Obstetrics is also a great reference to keep post-graduation. The 10th edition of this book has been thoroughly updated to include normal reproduction and reproductive disorders, as well as diseases in the common and less common domestic species (dogs, cats, pigs, and horses as well as llamas,

alpacas, and camels). This sorely needed information is vital for practicing in underdeveloped countries which lack the technology, equipment, and personnel offered in the U.S. With many international contributing authors, this one-of-a-kind text includes developments in reproductive biology and endocrinology from across the globe. - Only textbook covering all major domestic mammalian species ensures you get consistent, authoritative advice on all species that experience challenges related to reproduction and obstetrics. - Only book available that covers all aspects of theriogenology in all major domestic mammalian species recognizes the importance of species from every inch of the globe. - A practical, clinical approach to the content provides you with the instruction you need to improve your clinical proficiency. - Comparative aspects of theriogenology and obstetrics helps you to see beyond your species of immediate interest, and broaden your scope of knowledge and understanding of the discipline. - Consistent leadership of David Noakes through nine previous editions makes this the most highly regarded text worldwide in this genre. - NEW! Extensive coverage of less-common domestic species prepares you to work with these animals in developing countries where they're more common. - NEW! Black and white images replaced with color pictures to optimize full-color design and demonstrate specific techniques. - NEW! Additional international contributors provide you with a global, multi-faceted perspective on a variety of species.

OECD Green Growth Studies Farm Management Practices to Foster Green Growth CSIRO PUBLISHING

This Book of Abstracts is the main publication of the 72nd Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

Book of Abstracts of the 68th Annual Meeting of the European Federation of Animal Science NSW Agriculture

The past decade has revealed unfavourable trends in e.g. fertility, udder health and locomotion in some major dairy cattle breeds due to a large increase in production and insufficient consideration of functional traits in the breeding goals. Such unfavourable trends in some functional traits increase costs. Additionally, the enlargement of herds leads to less available labour time per individual cow. This asks for cows that are easy to handle. At the same time, society is demanding a higher welfare standard of animals. These contradicting developments have increased the desire for so called more robust animals. Robustness can be defined as 'the ability to maintain homeostasis in commonly accepted and sustainable herds of the near future'; or 'the ability of the cow to function well in the environment she lives in as well as in a wide range of climates and production systems'. This book contains a series of articles (26) dealing with the concept of robustness, including aspects like evolution, genetics, environment, animal health and welfare, and integrity. Besides the major functional traits also the links to energy balance, hot climatic conditions, and the attitude and input of stakeholders towards robustness as part of the breeding program are discussed. This book is the first attempt to summarise the available knowledge concerning this topic in cattle, making this book unique. The contributions are from authors of 16 countries from all over the world. However, the focus is presently on farm animal level, while in future robustness of the whole production system may also require additional attention.

Farmers' Cyclopedia: Farm animal, breeding, feeding, care. Dairy farming CSIRO PUBLISHING

A fundamental resource for preparing Australia's primary industries for the challenges and opportunities of climate change for primary industry professionals, land managers, policy makers, researchers and students.

Intestinal health BRILL

Confused by agricultural terms? The glossary gives you a simple and clear explanation of the

common terms used in the main rural industries. Terms provided by Nicholas Annand, Glenda Briggs, David Brouwer, Noeleen Clarke, Elizabeth Frost, Mary Kovac, Jennifer Laffan, Matthew Notley, Amanda Paul, Darren Price, Douglas Somerville, Angela Thompson, Fiona Vanderbeek. *Bibliography of Agriculture* Elsevier Health Sciences
'The Handbook of Horticulture' provides comprehensive subject-based reviews of horticulture in Tropical African regions generally and west of the sub-Saharan region in particular. This book aims to provide essential and foundational courses in horticultural science, production and business (with particular emphasis on Nigeria and sub-Saharan Africa sub-regions by extension) to the general reader. Its scope covered vital aspects of modern horticultural practices, ranging from production techniques of fresh fruits and vegetables, spices, medicinal plants, edible mushroom cultivation, nursery and plant propagation techniques, post-harvest handling, ornamental horticulture and landscape gardening, in addition to extension methods and management principles of horticultural farm outfits. It will be useful for undergraduate students, teachers/lecturers, researchers, policymakers, extension agents, conservationists, NGOs for environmental protection, and others interested in the field of horticulture.

Australian Glossary of Agricultural Terms The Stationery Office

Why do people resort to plastic surgery to look young? Why are stepchildren at greatest risk of fatal abuse? Why do we prefer gossip to algebra? Why must Dogon wives live alone in a dark hut for five days a month? Why are young children good at learning language but not sharing? Over the past decade, psychologists and behavioral ecologists have been finding answers to such seemingly unrelated questions by applying an evolutionary perspective to the study of human behavior and psychology. Human Evolutionary Psychology is a comprehensive, balanced, and readable introduction to this burgeoning field. It combines a sophisticated understanding of the basics of evolutionary theory with a solid grasp of empirical case studies. Covering not only such traditional subjects as kin selection and mate choice, this text also examines more complex understandings of marriage practices and inheritance rules and the way in which individual action influences the structure of societies and aspects of cultural evolution. It critically assesses the value of evolutionary explanations to humans in both modern Western society and traditional preindustrial societies. And it fairly presents debates within the field, identifying areas of compatibility among sometimes competing approaches. Combining a broad scope with the more in-depth knowledge and sophisticated understanding needed to approach the primary literature, this text is the ideal introduction to the exciting and rapidly expanding study of human evolutionary psychology.

HEARINGS BEFORE THE COMMITTEE ON AGRICULTURE HOUSE OF REPRESENTATIVES SIXTY-FOURTH CONGRESS FIRST SEASONS ON THE AGRICULTURE APPROPRIATION BILL SALARIES, OFFICE OF THE SECRETARY THURSDAY, FEBRUARY 3, 1916 ILRI (aka ILCA and ILRAD)

Provides a comprehensive review of the recent developments in precision livestock technologies, from wearable sensors, to thermal imaging techniques Covers the latest research on the application of precision livestock technologies in monitoring livestock health Highlights the potential of precision livestock technologies to reduce the environmental impact of livestock production

Report of the Special Milk Board of the Massachusetts State Department of Health OECD Publishing
IPCC Fourth Assessment Report on climate change impacts, adaptation and vulnerability for researchers, students, policymakers.

The Allocation of Resources to Livestock Research in Africa CSIRO PUBLISHING
Livestock production is changing worldwide. Amongst the changes are those instigated by legislation such as restrictions on antibiotics and antibiotic growth promoters, well fare regulations, etc., all forcing livestock producers to adapt to new husbandry, management, nutrition and healthcare techniques. Food safety is an explosive political issue. The expectations and demands of the informed consumer have altered perceptions of risk and brought food safety to the very

front and centre of politics. The gastrointestinal tract is essential in the maintenance of health, wellbeing and production in livestock. The above changes impact feed formulation. The industry looks for alternatives to maintain intestinal health and maximise animal performance, whilst complying with increasingly stringent legislation. This requires a good understanding of the physiological processes involved. In this book, the current knowledge in the major monogastric production species (pigs and chicken) is reviewed by renowned experts in the field. It describes infectious and non-infectious challenges as well as the complex interaction between innate, cellular and humoral immunity and performance. The problems that this complexity poses concerning the identification of important factors for intestinal health are discussed. 'Intestinal health' also reviews promising new approaches such as the use and development of validated biomarkers, and the application of omics techniques and systems biology.

Grass-Fed Cattle BRILL

In this report MPs recommend changes to the way money from the EU's Common Agricultural Policy (CAP) is used to support hill farmers. Farming, in particular grazing livestock, is an essential part of the landscapes and traditional systems of land management in these beautiful and fragile areas. A return to headage payments in limited circumstances, with appropriate environmental conditions to prevent overstocking, would provide fairer funding to hill farmers. The Committee also calls on the Government to do more to enable hill farmers to diversify into other land management activities such as carbon storage and water quality schemes. The report calls on the Government to demonstrate a stronger commitment to upland communities. Having abolished the Commission for Rural Communities - the public body that advised Government on rural issues - the Department for Environment, Food and Rural Affairs must ensure that rural policies and their delivery are not neglected. Ministers should: publish a strategy for the uplands that sets out a clear action plan with practical measures to be implemented immediately; provide strong leadership to make sure that rural and upland communities get a fair deal; create a statutory definition of the uplands to assist in targeting policy; ensure all farmers and rural communities can get access to development grants once RDAs have been abolished; work across Government to put in place policies that support those that live and work in the uplands, in particular rolling out super-fast broadband for remote rural communities and increasing the availability of affordable housing.

Circular Burleigh Dodds Science Publishing

Particular focus on prerequisites required for effective herd health management (HHM) programmes, including understanding bovine disease epidemiology, improving disease surveillance (including the use of sensors), data-driven decision-making based on cow health records, as well as advances in understanding and optimising immune response Reviews HHM issues across the dairy cow life cycle, from reproduction and calf health to the transition stage and replacement of stock Shows how HHM programmes can work in practice for particular conditions, from udder and hoof health to preventing metabolic disorders, bacterial and viral diseases as well as parasitic infections

Human Evolutionary Psychology Cambridge University Press

This Book of Abstracts is the main publication of the 68th Annual Meeting of the European Federation of Animal Science (EAAP). It contains abstracts of the invited papers and contributed presentations of the sessions of EAAP's eleven Commissions: Animal Genetics, Animal Nutrition, Animal Management and Health, Animal Physiology, Cattle Production, Sheep and Goat Production, Pig Production, Horse Production and Livestock Farming Systems, Insects and Precision Livestock Farming.

Arthur's Veterinary Reproduction and Obstetrics - E-Book Exceller Books

This report looks at farm management practices with green growth potential, from farmer-led innovations (such as those directly linked to soil and water, Integrated Pest Management, organic farming) to science-led technologies (such as biotechnology and precision agriculture).

ILCA Bulletin No. 23 - January 1986 Princeton University Press

Covers all aspects of the beef industry from paddock to plate.

Utilisation and conservation of farm animal genetic resources ILRI (aka ILCA and ILRAD)

Successfully raise grass-fed cattle and enjoy the benefits of great-tasting beef and a financially stable enterprise. In this comprehensive guide, Julius Ruechel covers every aspect of raising healthy and thriving grass-fed cattle, offering advice on herd selection, pasture management, medical care, necessary equipment, winter grazing, slaughtering procedures, and more. With tips on creating a viable business plan and identifying niche markets for your beef, Ruechel provides everything you need to know to develop a profitable and environmentally sustainable grass-fed cattle operation.

Breeding for robustness in cattle ILRI (aka ILCA and ILRAD)

"The genetic diversity comprised in farm animal species and breeds is an important resource in livestock systems. For several reasons, within the different species used for food production, only a few breeds are developed towards high-output breeds fitting in high-input systems. In this process many breeds are set aside from the food producing livestock systems. These breeds will be faced with extinction unless new functions for these breeds are found. This is a real threat for the genetic diversity within species. This book is intended to give insight into the issues of the utilisation and conservation of farm animal genetic resources towards a broad group of readers interested in these subjects. The insight is presented as applications of population, molecular and quantitative genetics that can be used to take appropriate decisions in utilisation and conservation programmes. A previous edition of this book is a key resource in courses worldwide and cited in many scientific publications. The first two chapters discuss the decisions to be made in utilisation and conservation. Chapter 3 surveys the different ways in which the diversity we observe within a species can be characterised. Chapter 4 illustrates recent results using this theory for utilisation and conservation purposes. Chapters 5, 6 and 7 give theoretical backgrounds necessary to make decisions and chapters 8 and 9 present the operation and practical implications of selection and conservation schemes."

Agriculture Appropriations Bill, Hearings Before ..., 64-1 on ... BRILL

This practical book shows producers how to make good decisions in the beef industry. It provides an overview of the cattle industry, with details on breeding management, pastures, selling methods and costs, beef grading and marketing, muscle and fat scores. Contains diagrams and photos with easy to follow instructions. AgGuides are compiled by highly regarded industry experts to provide easy to follow advice on agriculture and support the Tocal College external study program for agriculture. Written by: Jennifer Laffan Technical advisers: Ian Blackwood, Brett Littler Table of Contents: · Cattle industry overview · Manage the breeding herd · Pastures for the herd · Selling methods and costs · Other aspects of marketing · Muscle and muscle score · Fat assessment and fat scores · Frame size · Growth, maturity and carcass suitability · Understand your product · The killsheet · Get the best return · Some terms explained · Appendix 1: Ruminants and rumination · Appendix 2: Calculating and using DSE ratings for beef cattle