

The Study of Livestock Farming Systems in a Research and Development Framework (European Association for Animal Production) PDF - Descargar, Leer

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Descripción

This text is a reference for people interested in concepts and methodologies for holistic approaches to research and development in livestock farming systems. It is the result of an international symposium involving researchers in animal production which explored the key contemporary issues facing this field which concerns a growing number of scientists in Europe and beyond. The research papers present the theoretical and methodological background, reflecting the current interest in systemic modelling of livestock farming activities at different scales. The 12 refereed main papers are supported by 60 shorter papers, also refereed, illustrating a great diversity of current research work throughout Europe and in developing countries. Three main topics are investigated: general concepts and approaches for evaluating farmers practices and livestock farms functioning including, for example, epidemiology and herd health management; livestock farming systems studies, focusing on current issues such as economic and social change, and environment and the landscape; methods and tools for evaluating livestock farming systems. For animal production professionals, this book draws on work from over 20 countries setting out the state of the art, from its conceptual bases through systems modelling, to practical tools.

1 Mar 2008 . Farmers have to cope with both society and market pressures in their working practices, as well as with the enlargement of farms, off-farm opportunities and profound changes in the workforce. Expectations in terms of working duration and rhythms are increasingly expressed by farmers, meaning that.

The objective of this article is to describe a classification of the world's livestock systems based on a recent study carried out by the Animal Production and Health Division (AGA) of FAO. . A subset of the mixed systems in which more than 90 percent of the value of non-livestock farm production comes from rain-fed land use.

Enacting resilience for adaptive water governance: a case study of irrigation modernisation in an Australian catchment, *Ecology & Society*. 22(3):1. .. “Aligning farm decision making and genetic information systems to improve animal production: methodology and findings from the Australian dairy industry”. *Animal*.

within the framework of the ACP-EU Cotonou Agreement. ... Box 1 Intervention project to study impact of foods from animal origin on .. livestock-production systems, livestock research and management, and partnership development. x. The Role of Livestock in Developing Communities: Enhancing Multifunctionality.

OIE Platform on Animal Welfare for Europe. 47. List of OIE Collaborating . for animal welfare and livestock production systems. 96. Connecting globally and . SAGARPA: Secretariat of Agriculture, Livestock, Rural Development, Fisheries, and Food; SENASICA: National Agro-Alimentary Health, Safety and Quality Service.

(Western Central France) were analysed with reference to three determining factors of the farming objectives : the desire 1) to be self-suffi- ... Gibon, A. and Flamant, J.C. (eds) *The Study of Livestock Farming systems in a research and development framework*. European. Association of Animal Production, Pub. N° 79, 25-36.

Many factors associated with welfare of animals kept under extensive conditions differs from those in intensive systems. .. and inputs on the welfare and productivity of sheep and the nature conservation value of semi-natural pasture. in: *The Study of Livestock Farming Systems in a Research and Development Framework*.

Robust Dairy Cattle. [Greenhouse milk] Developing genetic tools to mitigate the environmental impact of dairy systems. [SoLId] Sustainable Organic and Low Input . [Eu-PLF] Bright Farm by Precision Livestock Farming – Animal and farm-centric approach to . Framework Programme for Research and Innovation (FP7).

This study was designed to provide a thorough characterization of individual organic farms with certified animal production in Poland in the years 2009-2011. The study consisted of a direct survey using a standard questionnaire. Monitoring of organic farms showed that organic animal production in Poland is still developing.

the European Federation for Animal Science and the French National Institute for Animal Research. The British Society of Animal Science (BSAS) ... SCIENCE BEHIND LARGE-SCALE LIVESTOCK PRODUCTION. •PROFILE. Alistair Lawrence was born into a farming family in Perthshire, Scotland and studied Zoology.

The livestock sector is rapidly industrializing, particularly in developing or emerging economies, where most of the growth . Worldwide, industrial systems account for approximately two-thirds of egg and poultry meat .. small farmers and rural laborers may be disadvantaged by the industrialization of farm animal production.

31 Jan 2017 . plf.eu), a €8 million Framework 7 project funded by the EU commission. . farming. In livestock production today, farmers have access to different technologies that allow them to follow the production performance of the farm. . virtual animal while European society demands that animals are entitled to.

22 Nov 2012 . Herrero, an agricultural systems analyst at ILRI, gave an up-to-date overview of ways the livestock sector in developing countries can help mitigate . For instance, while reducing the number of animals kept by poor food producers, and intensifying livestock production systems, could reduce global methane.

Areas of expertise: Reproductive physiology, livestock production, rural development, environmental impact assessment, microfinance, leadership and . Interests and outreach activities: animal production, sustainable rural livelihoods, farming systems . European Society of Domestic Animal Reproduction (ESDAR)

Livestock is present in almost all regions in Europe in a wide range of different production systems and inextricably linked to rural vitality. .. for livestock development (innovation brokers);; Develop new methodologies for co-design of technological innovation;; Explore on farm innovation and develop a framework to analyse.

“Precision livestock farming is defined as covering the life cycle management of animals and exploiting multiple identification and . “To produce a framework for European and non-European small and medium enterprises on effective and . Hartog (Leuven), Dr. Thomas Banhazi (South Australia Research & Development.

The term "intensive" involves various meanings, some of which refer to organic farming methods (such as biointensive agriculture and French intensive gardening), and others that refer to nonorganic and industrial methods. Intensive animal farming involves either large numbers of animals raised on limited land, usually.

21 Aug 2001 . LOGICAL FRAMEWORK, EXECUTIVE SUMMARY. (i-viii). 1 . 3.1. Livestock Production. 8. 3.2. Animal Health. 10. 3.3. Marketing and Processing. 11. 3.4. Constraints and Opportunities. 11. 4. THE PROJECT. 11 ... of the farming systems in northern Ghana, where an estimated 50% of farmers in the Upper.

13 Sep 1992 . (attention Isabel Vazquez). 3. An E.A.A.P. International Symposium on the Study of Livestock Farming Systems in a Research and Development Framework is scheduled for 11-12 September 1992 at the Instituto. Agronómico Mediterraneo in Zaragoza, Spain. The programme includes theoretical frame-

account of the diversity of livestock farming regions and the study of livestock farming systems. The idea is not to . In Europe, France is positioned among the first three countries for numbers of ruminants, as it has the . recalled by J. Cochard (Cochard, 1974) in his thoughts on Research and Development, everything that.

Livestock production and food security in a context of climate change, and environmental and health challenges .. Mixed-farming-systems are livestock system in which more than 10 percent of the dry matter fed to animals .. The European Nitrogen Assessment (ENA), implemented in the 6th EU Research Framework.

Ministry of Agriculture and Rural Development. Address: Hlohovecká 2, 951 41 Lužianky, . The main purpose of the Animal Production Research Centre Nitra is scientific and research solution of problems in the sphere . Efabis – European Farm Animal Biodiversity Information System. E cow – Electronic support of suckler.

Padel, S. & Midmore, P. (2005) The development of the European market for organic products: insights from a Delphi study. *British Food Journal*, 107(8) 626-647. Vaarst, M, S Padel, M Hovi, D Younie and A Sundrum (2005) Sustaining animal health and food safety in European organic livestock farming- presentation of a.

Ecology and Society 16(1): 7. <https://doi.org/10.5751/ES-03811-160107>. . The study shows that extensive farming systems have developed types of flexibility to match different factors of uncertainty from the environment. . Key words: extensive farming system; livestock production system; mix flexibility; process flexibility.

The aim of this study was to develop an LCA model to compare contrasting milk production systems, a seasonal pasture-based dairy farm and a confinement . systems that provide ecosystem services beyond crop production are gaining interest from farmers, policy makers and society at large, yet we lack frameworks to.

and civil society to chart the path of human advancement over the next 15 years. . currently being developed by the Animal Production and Health Division of FAO and presents the outcomes of the Global Agenda . have been shaping their environment, the natural system, since the dawn of agriculture at the very least.

During the period 1990-1996, research projects were financed within the framework of the CAMAR and AIR programmes of the European Commission. . Joint Seminar of the FAO-CIHEAM Sub-Networks on Production Systems and Nutrition on Sheep and Goats: The value chain in Mediterranean sheep and goats. Industry.

During the 1990's transition period for Eastern Europe, the European Association for Animal Production (EAAP) carried out numerous activities in support of restructuring the animal production sector in the Central and Eastern European Countries (CEEC). This resulted in a large number of publications on animal.

Bratislava, Slovakia, 27 - 31 August 2012 European Association for Animal Production, European Federation of Animal Science. . constraints for development of livestock production in the tropics from the perspective of the farming system the so-called 'livestock value chain analytical framework (LIVCAF)' was developed.

Farming Systems Research in Europe. Farming Systems . 1 Researchers from many different disciplinary backgrounds contribute to the development of Farming Systems .. Livestock system studies focus on e.g. genetic characteristics, feeding, breeding and at the end on the animal production processes. Such studies.

Barrantes has recently finished his PhD in rural development. Apart from being responsible for the small animal research program at the Agrarian University, he is the director of the Sustainable Small Production Institute. His research focuses on extension for smallholder farmers and agricultural systems involving cavies.

18 Sep 2013 . The Sustainable Development Solutions Network (SDSN) engages scientists, engineers, business and civil society leaders, and development . Livestock Research Institute (ILRI), Ethiopia; Fusuo Zhang, Professor and Dean, China Agricultural ... Crop and animal production systems are hugely diverse.

16 Aug 2010 . This paper attempts a rapid summary of the present-day state of livestock production systems globally in relation to recent trends, coupled with a brief .. Developing countries' share of global use of cereals for animal feed nearly doubled (to 36%) from the early 1908s to the late 1990s (Delgado 2005).

percentage of the world's arable land; concentrated production of meat and animal products for human consumption is energetically inefficient and ecologically harmful; factory farming of meat tends to undermine the economic base of rural farmers in developing countries who rely on small-scale livestock production;

Herrero M, Fawcett R H, Dent J B (1996) Integrating simulation models to optimize nutrition and management for dairy farms: A methodology. In The Study of livestock farming systems in a research and development framework: Research, socio-economics and the land manager. European Association for Animal Production.

4 Sep 2015 . The Polish Society of Animal Production (PTZ) has had the honour to organise the EAAP Annual .. organisations, the advancement of scientific research, sustainable development and systems of ... Biomarking methane emissions from livestock farming using co-enzyme M: an exploratory study. 90.

L'ADOPTION DE TECHNOLOGIES FAVORISANT LES SYSTEMES DURABLES DE PRODUCTION AGRICOLE: .. and research institutes from OECD Member countries, the Commission of European Communities, .. many decades, policies for agriculture, trade, research and development, education, training and advice.

technology, a Farming Systems Research Project was proposed in 1976 within the Institute of Agricultural Research. The basic tenets .. agronomy-plant protection were more easily forged than between crop production and animal production, although in Ethiopian .. framework for rural development in Ethiopia. Farmers are.

European agriculture and more general doubts about the interplay between man and nature as reflected in modern technology. In society at large these doubts have .. EU regulations. These, however, often develop after an intensive debate where, sometimes, you may get the impression that livestock production may be.

Livestock & the environment: Finding a balance. Study Sponsors. Commission of the European Communities Food and Agriculture Organization of the United Nations . The changing importance of different production systems. The conceptual models: Driving force state-response and induced innovation frameworks.

Credit Agency; Commonwealth Veterinary Association; Compassion in World Farming; Euler Hermes Deutschland. AG; FOUR PAWS . Livestock systems research manual. Working Paper 1, Vol. .. OIE members adopted 11 General Principles for the Welfare of Animals in Livestock Production Systems (see. Box 3).⁹ OIE.

5 Dec 2017 . Sustainability of Pasture-Based Livestock Farming Systems in the European Mediterranean Context: Synergies and Trade-offs. Article · July 2011 .. ☆ This paper is part of the special issue entitled: Assessment for Sustainable Development of Animal Production Systems, Guest Edited by Akke van der Zijpp.

Guidelines for Sustainable Manure. Management in Asian Livestock. Production Systems. A publication prepared under the framework of the RCA project on ... livestock production contributes 70–80% of the anthropogenic NH₃ emission in Denmark and. Europe [25, 26]. Animal production is developing rapidly in Asia.

Buy The Study Of Livestock Farming Systems In A Research And Development Framework: Proceedings of the Second International Symposium on Livestock Farming . (European Association for Animal Production) on Amazon.com ✓ FREE SHIPPING on qualified orders. Poster Session 01. Genome-wide association study in Brown Swiss for udder traits based on sequence data ... I. Holló and I. Anton. Muscle development as characteristic for beef production in 4 local breeds of cattle . Self-sufficiency for animal feed: a multi-level framework to promote agroecological farming systems. 155.

Policy-makers have aimed to support agriculture in these areas, but farmers' perspectives are

poorly understood. The purpose of this study was to analyze (1) the main characteristics of livestock farming systems and the recent changes they have undergone, (2) farmers' perceptions of different functions of agriculture,.

This book provides empirical evidence from Kenya, Tanzania and Mozambique, and from different production systems, of the importance of livestock as an ... Cattle, goats, sheep, pigs, chickens and other farm animals form part of the livelihood portfolios of an estimated 70 per cent of the world's rural poor women and men.

Based on the 360-degree view a framework for future research and development work in animal nutrition is presented. . Availability, in a sustained manner, of desired type and quantity of animal feed and its feeding is the foundation of livestock production systems. .. Several studies (e.g. Butler 2014; Vazirigohar et al.

The importance of supporting innovation, sustainability and competitiveness in Europe's livestock sector .. 8 . Key areas for research and innovation in the animal production sector that merit support under Horizon2020 . Consumers' perceptions and expectations about livestock production systems and consumption of.

REPUBLIC OF RWANDA. Ministry of Agriculture and Animal Resources. (MINAGRI). STRATEGIC AND INVESTMENT PLAN TO. STRENGTHEN. THE ANIMAL GENETIC IMPROVEMENT IN. RWANDA. FINAL REPORT. AUGUST 2012.

24 Jan 2017 . Development of a legislative framework that permits the use of specific products as alternatives should be considered. Further research to evaluate the potential of alternative farming systems on reducing AMR is also recommended. Animals suffering from bacterial infections should only be treated with.

Animal production, livestock, food security, aid .. development. Nowadays the notion public and private might replace that of aid and trade. The study focuses on situations in five Sub-Saharan West African countries . form of function of livestock production systems and value chains, e.g. via rain, soil type, traditional values.

⁴The University of Queensland, School of Agriculture and Food Sciences and School of Veterinary Science, Gatton, Australia. .. listed some research needs for the livestock production sector that rely on the animal-plant-soil interactions, including pasture systems and efficiency of production, interface with energy concerns,.

Vilnius, Lithuania, August 24th-27th, 2008 Annual Meeting of the European Association for Animal Production. A modelling approach to assess trade-offs between ecological and productive outcomes in livestock farming system R. Sabatier¹, L. Doyen² and M. Tichit¹, IINRA, UMR 1048 SAD-APT, Agroparistech, 16 rue C.

implications for livestock research and education, especially in the developing world, are briefly discussed. I. INTRODUCTION. .. OECD Pressure-State-Response Framework.

Adapted for Livestock Systems. Human Activities. Processing Industry. Crop Agriculture. Livestock Production. Status of Natural. Resource Base. Air.

Livestock farming systems (LFS) research in Western Europe has been mainly conducted by 'generalist' animal production researchers. It involves strong interaction with a wide range of disciplines outside animal science to provide an improved understanding of the potential for the integrated development of LFS.

Draw up a specific strategy for the development of livestock farming as part of the framework for the implementation of the ECOWAS agricultural policy (ECOWAP); . livestock farming systems, including semi-urban production, through the improvement of feeds, the health and the breeding of West African domestic animals;.

Animal science and livestock systems in the seventh Framework Programme for research. Christian Patermann. European Commission. DG Research . agriculture (biomass and biofuel).

• Sustainability and security of agricultural and fisheries production. – CAP & CFP. •

Additional policies. – Community Animal Health.

sustainability of food production that did not reference farm animal welfare in any detail.

FAWC believes that animal welfare should be practically and effectively at the centre of the wider policy debate. 2. The study aimed to address how all the livestock sectors are responding to a perceived need for global increase in food.

selection and commercial crossing have had a major impact on livestock breeding in Europe and other developed . Farm animal production systems in Europe can be classified into three large groups according with .. assists the Council of the Association and Study Commissions in developing programmes related to.

The ESF Genomic Resources program final conference addressed these problems attempting to contribute to the development of the research and policy . Animal Genetic Resources Branch, Animal Production and Health Division, Rome, Italy; ⁶Laboratory of Geographic Information Systems (LASIG), School of Civil and.

Paul Greenwood is a Senior Principal Research Scientist in the Beef Industry Unit within NSW DPI Livestock Systems, and an Adjunct Professor in the School of . of the Australian Society of Animal Production, and was a member of the ARC/NH&MRC Research Network on Genes and Environment in Development and the.

state-of-the-art agricultural research and education system, innovative supply and processing industries, the availability of inexpensive natural gas supporting greenhouse horticulture and floriculture as well as the production of cheap fertilizers, -and since the nineteen fifties- the emergence of the European Union and the.

EU project officer. Ms Arantza Uriarte Iraola. Deliverable Information. Deliverable title.

Classification of farming systems across Europe and China. Author . National Research and Development Institute for Soil. Science ... determine the intensity of production and integration of crops, livestock and other activities. The farm.

For the present study, surveys were conducted among livestock farmers to identify these measures and analyses were carried out to characterise the attitudes of livestock farmers to drought conditions and to evaluate changes in the sensitivity of their livestock farming systems. With the exception of those farms with extensive.

The existing research capacity for resource availability should not limit animal science to addressing the sustainability of livestock production exclusively in resource . More recently advocates of sustainable agriculture have emphasised the strain on total global resources brought on by global development and human.

Editor for the journal Animal Scientific reviewer for the journals: Agricultural Systems Livestock Production Science Acta Agriculturae Scandinavica, Section A. Animal Science Annales Zootechnie Computers and Electronics in Agriculture Veterinary Research Animal Research Journal of Dairy Science Theriogenology

This proposal is a framework to discuss with the members states who want to participate in a joint programming initiative in the area of agriculture addressing climate change and food security . EU research has a key role to play – drawing on world leading expertise and facilities in plant, animal and microbial sciences.

Research and education for the development of integrated crop-livestock-fish farming systems in the tropics. ICLARM Studies and Reviews 16.53 p. International Center for Living Aquatic Resources. Management, Manila, Philippines. ISSN 01 15-4389. ISBN 97 1-1022-46-X. Cover: Small-scale integrated crop-livestock-fish.

The committee uses the term animal sciences to refer to all disciplines currently contributing to animal food production systems. . Furthermore, a vibrant animal research enterprise will be

central to an effective response to potential threats to animal agriculture to ensure global food security (Box 1-1 provides a brief).

30 Nov 2016 . The findings, which also suggest action levers in different livestock systems, were presented and discussed during a symposium on 30 November in Paris. . which still provides a framework for the debate on livestock farming, what contributions can knowledge and research findings make to supplementing.

17 Jul 2013 . to organic animal production [6]. Nowadays, research on the organic livestock system, where mainly the present paper focuses, has become very active indeed [7–13].

Organic farming has been promoted, at the political level, as the ideal model for rural development in Europe, integrating small scale food.

1.1.3 Livestock numbers, production and yields. 1.1.4 Farming . 1.1.8 Timeline of key UK and EU legislation affecting farm animal welfare. 1.2 Introduction of farm assurance schemes.

1.2.1 Development and growth of farm assurance schemes .. Council and Heather Pickett were asked to undertake research into past and.

My background is in agricultural economics with a strong specialisation in the economics of animal health, livestock production and livestock food systems. . I also completed my doctorate on the role of livestock in mixed farming systems of India and Kenya developing household and herd simulation models from the field.

This research, which for the first time applied the Livestock Farming Systems (LFS) approach developed in Western Europe to CEE conditions, was sponsored within the framework of a Food and Agriculture Organisation-European Association of Animal Production (FAO-EAAP) joint initiative. The research design applied to.

systems. The project revealed that, in the short term, the European livestock sector can make a limited contribution to EU GHG emission reduction efforts, .. next four decades, especially in developing countries and among intensified production systems .. civil society organizations and extensive media coverage.

29 May 2014 . The bulk of this work was funded through various programmes and projects within the Animal Production and Health Division (AGA) of the Food and Agriculture Organization (FAO) of the United Nations: in particular the UK Department for International Development (DFID)-funded Pro-Poor Livestock Policy.

INSTITUTE OF FOOD SCIENCE + TECHNOLOGY FOOD SYSTEM FRAMEWORK PAGE

2. A word from .. Novel production systems and ingredients – there are opportunities for developing new farming ... Joint Research Centre of the European Commission (2014)

Precision agriculture – An opportunity for EU farmers -.

More recently, even highly specialised crop and livestock systems in developed and developing countries have rediscovered the advantages of mixed farming. . crop-livestock systems, often referred to as mixed farming systems (Sere and Steinfeld 1996), livestock and crops are produced within a co-ordinated framework.

AND SUSTAINABILITY. OF AGRICULTURE in Central and Eastern Europe, with special consideration of livestock sector. Study commissioned by Fratria Sp. z o.o.. Prof. ...

Therefore, it is crucial to develop animal friendly production systems that meet the physiological .. European Integrated Farming Framework. A Eu-.

2Much of climate change agricultural research has tended to concentrate on assessing the sensitivity of various attributes of crop systems (e.g. crop/livestock yields, pest, diseases, weeds etc) - the biophysical aspects of food production, with little or no regard to the socioeconomic aspects. These partial assessments most.

Energy and protein metabolism and nutrition in sustainable animal production. Edited by . Consumer attitudes to food quality products: Emphasis on Southern Europe. .. edited by A.J.

van der Zijpp, J. Boyazoglu, J. Renaud and C. Hoste; The study of livestock farming systems in a research and development framework

5 May 2015 . Up to a third of the increase in consumption in livestock between 2010 and 2030 is imputable to shifting production practices in middle-income countries where extensive farming systems will be replaced by large-scale intensive farming operations that routinely use antimicrobials in subtherapeutic doses.

Third, we develop two examples showing that new challenges faced by LFS demand to incorporate new scales of . collaborations between animal production sciences and other disciplines such as animal nutrition and . Modelling livestock farming systems (LFS) is not a new concern as it has been already pointed.

agriculture. 37. 5.3 Innovating for a conscientious livestock production. 38. 5.4. The fully sustainable shed as a yardstick for diligent livestock farming. 39. 5.5 .. research into animal production systems from various angles and disciplines ... Compared with the development of animal welfare in Europe, the welfare of.

Although integrated crop–livestock systems have been employed globally for millennia, in the past century, farmers in North America have tended toward increased . Integrated systems inherently would utilize animal manure, which enhances soil tilth, fertility, and C sequestration. . American Society of Agronomy .

Developing system-based modelling approaches to: (i) mitigate GHG emissions from land use and (ii) assess the impact of climate change and land use changes on services from agriculture. Contact information: Email address: agustin.delprado@bc3research.org. Contact phone: +34 94-401 46 90 ext. 113; Research ID.

17 Feb 2016 . In recent decades, the mountain livestock, mainly represented by dairy cattle, has been affected by a dramatic reduction of farms, a strong increase of animals per farm, an increase in indoor production systems, more extensive use of specialised non-indigenous cattle breeds and the increasing use of.

Abstract: The livestock sector is of great importance for the sustainability of rural economies and many ecosystems; however, it also has a high environmental impact. Due to the growing demand for animal products, there is a need to design new livestock production systems that allow the combination of food security and.

The School of Agriculture, Food and Rural Development (AFRD) is the UK's leading institution for education and research into pig and poultry systems, and has acted as . The focus of the livestock research is on the consequences of management for animal health welfare and performance, and the environmental impact of.

The study of livestock farming systems in a research and development framework : proceedings of the Second International Symposium on Livestock Farming Systems . Saragossa, Spain, September 11-12, 1992 / Annick . European Association for Animal Production. Published. Wageningen, Netherlands : Wageningen.

Masters degrees in Livestock train postgraduates in the most efficient means of rearing animals for agricultural and commercial purposes. ... This course will provide you with an in-depth specialisation in organic farming and food production systems and it is currently the only specialised MSc in organic and ecological.

31 Jan 2017 . However, such a direct relationship may be difficult to build in modern large-scale production facilities due to the number of animals in the herd (Berckmans, 2006). The transition from PLF products from laboratory research into viable commercial products has started. Precision livestock farming systems are.

small ruminants represent a source of income for farmers and nomadic or semi-nomadic herders. The goal of the research programme was to develop productive and sustainable

production systems based on small ruminants within the framework of existing property rights. To this end, a preliminary study on local property.

a Animal Production Systems Group, Wageningen Institute of Animal Sciences (WIAS), Wageningen Agricultural University, P.O. Box 338, . which way ruminant livestock has played or can continue to play a role in (newly developing forms of) sustainable agriculture. . in the USA, Western Europe, in peri-urban dairies of.

Animal – is a completely new journal that seeks to attract the best research in animal biology and animal systems from across the spectrum of the agricultural, biomedical, and environmental sciences; it is the central element in an exciting collaboration between the British Society of Animal Science (BSAS). Institut National.

Key words: decision-support systems, models, cattle production, farm management, grazing management . to increase output per animal and! or per hectare is a classic example of such advances, To ensure the . mation systems and whole-farm models to support management decisions in cattle farms of Latin America.

A Scottish study that potentially paves the way for the breeding of low-emission livestock has won an internationally respected research prize. Winners of the award post .. Professor Richard Dewhurst, Head of Future Farming Systems at SRUC, has been elected as the new President of the British Society of Animal Science.

Genetic improvement of cattle in southern Meditterrean climates 0071-2477 - EAAP Scientific . Book of Abstracts of the 46th Annual Meeting of the European Association for Animal Production Prague, Czech Republic ... The study of livestock farming systems in a research and development framework. Proceedings of the.

4 May 2017 . 1. EIP-AGRI Focus Group. Mixed farming systems: livestock/cash crops. FINAL REPORT. MAY 2017 ... help develop sustainable MFS through multi-disciplinary research. Any further research . Over the last decades, European farming has been driven by the objective to increase food production. The.

1. The first part of the report describes the current situation of the livestock sector in the EU. It includes a table of the number of livestock units (LU) in each country in 2010 and 2015. The table shows that the number of LU has decreased in all countries, with the largest decreases in France and Germany. The second part of the report describes the challenges facing the livestock sector in the EU. It includes a table of the main challenges in each country in 2010 and 2015. The table shows that the main challenges are the same in all countries, namely the need to improve the efficiency of the sector, to reduce the environmental impact, and to improve the welfare of the animals. The third part of the report describes the measures that have been taken to address these challenges. It includes a table of the measures in each country in 2010 and 2015. The table shows that the measures are the same in all countries, namely the need to improve the efficiency of the sector, to reduce the environmental impact, and to improve the welfare of the animals. The fourth part of the report describes the conclusions of the study. It includes a table of the conclusions in each country in 2010 and 2015. The table shows that the conclusions are the same in all countries, namely the need to improve the efficiency of the sector, to reduce the environmental impact, and to improve the welfare of the animals.