

DOWNLOAD PDF GOAT NUTRITION FOR FIBRE PRODUCTION BY ADRIANA DI TRANA AND LUCIA SEPE

Chapter 1 : Dairy goats feeding and nutrition - PDF Free Download

All content in this area was uploaded by Adriana Di Trana on Jan 11, Download full-text PDF. Nutrition for Fibre Production A. Di Trana and L. Sepe. 11 Goat Nutrition for Fibre. Production.

He has conducted research on the associative effects among feeds in the diet of ruminants, using the comparative slaughter Thomson and Camell and gas production techniques, and on the modification of the fatty acid profile of milk and its products in dairy animals. He has also evaluated the in vivo digestibility and estimated the nutritional value, using the INRA method, of the most common ruminant feeds in Italy. He has conducted research mainly on feeding of small ruminants and nutrient requirements of sheep and goats. Her main areas of research are methods to improve silage quality from forages and agro-industrial by-products, and the feeding behaviour of sheep and goats in extensive and semi-extensive systems, with particular interest in the factors that influence pasture intake and diet selection. His research focuses on the relationship between animal feeding and the safety and quality of animal products such as milk and meat. The main focus of her research has been the relationships between feeding systems, husbandry and milk quality of dairy goats and cows. She has also been involved in the evaluation of milk emission and milking hygiene. Her main research field is the relationship between animal production systems and product quality in sheep. Particular emphasis has been given to the use of local feed resources and their effects on the nutritional and nutraceutical characteristics of milk and meat. He had a fellowship from the Department of Animal Science, University of Sassari, to work on the nutrition of ruminants in organic farms. His research focuses on feeding and nutrition of small ruminants and on mathematical models for animal husbandry. Over time her research has dealt with various themes regarding dairy cows, sheep and goats of local breeds, and rabbit production. Her main fields of interest in small ruminants have been artificial insemination and oestrus synchronization, energy and nutritional value of conventional sources and by-products in lamb feeding, and the quality characteristics of dairy and meat products evaluated as a function of management system and feeding regimen. At present, her experimental activities are focused on studying the effects of conventional or organic grazing systems on selectivity behaviour, feeding intake, welfare status and quality of dairy products of sheep and goats. She has conducted research on animal feeding and nutrition, with emphasis on the lipid metabolism of the rumen and the lipid components of milk and cheese from sheep, goats and cattle. He is presently working on the relationship between sheep and goats nutrition and milk composition, with particular attention to the fatty acid composition and other nutraceutical components of the milk. He works on several aspects related to feeding and nutrition of small ruminants, including feed evaluation techniques and energy and protein requirements, with main focus on: At present he teaches courses on sheep and goat production and on feed processing and evaluation at the Faculty of Agriculture of the University of Sassari. His main scientific interest lies in the mathematical modelling of the regular and continuous component of some dynamic processes of great importance in the field of animal science, such as the temporal evolution of milk production and rumen degradation of feeds. He proposed an original model for the mathematical description of the lactation curve of dairy sheep that has been cited in several international scientific papers and used by several researchers. Recently he has suggested a methodology for analysing time series of milk yield and quality, in order to disentangle deterministic and stochastic components. His expertise is in feeding behaviour, intake of nutrients, and milk yield and composition of grazing dairy sheep and browsing goats. He has studied the effects of different levels and sources of supplements on sheep and goat performances. He has worked on the chemical composition and nutritive evaluation of the main forage species grazed or browsed by small ruminants, measured with conventional methods and near infrared spectroscopy. At present, he is Researcher in Animal Science at the Faculty of Agriculture of the University of Palermo and teaches a course on nutrition and animal feeding at the same faculty. He has carried out studies targeted at the exploitation of Sicilian cattle, sheep and goat breeds, and researches on the effects of technical and managerial factors on the milk and

DOWNLOAD PDF GOAT NUTRITION FOR FIBRE PRODUCTION BY ADRIANA DI TRANA AND LUCIA SEPE

cheese production from grazing ruminants. His current experimental activities on sheep and goats are focused on studying the factors affecting feeding intake and behaviour at pasture. His main scientific interest lies in the mathematical modelling of lactation curves using both empirical and mechanistic modelling approaches. At the present time he also works on the statistical analysis of microarray data. Her research activity concerns the feasibility of rearing Cashmere goats in typical systems of southern Italy, the quantitative and qualitative assessment of the fibre production and skin trait in different goat physiological conditions and feeding, as well as the links among growth, moulting of cashmere fibre and hormone profile. She has carried out research on the influence of feeding system, season and goat breed on fatty acid profile, conjugated linoleic acids and n-3 fatty acid content in milk and cheese. Her current research also includes the assessment of productive efficiency in goats on pasture with different types of supplies in shed, and the relationships among nutrition, hot season and oxidative status of lactating goats. Her research focuses on dietary strategies to improve milk quality concerning conjugated linoleic acids and the fatty acid profile of milk and meat in sheep and goats. His main areas of research are grazing behaviour and estimation of the herbage intake, digestibility, energy and protein requirements of small ruminants. Previously he conducted research in the fields of biocrystallography at the University of Pavia and enzymology at the University of Groningen, The Netherlands. She conducted research on plant production, plant physiology and postharvest for several years. Since , she has translated and edited papers on several topics animal science, plant production, entomology for publication in international scientific Biographical Details of the Authors xi journals. Currently, her main research interests are animal science and bibliometry. He collaborates with Professor Massimo Morgante to study the metabolic-nutritional diseases of ruminants. He is author of some publications in national and international journals and proceedings of meetings in his field of expertise. He is Associate Professor at the Department of Veterinarian Clinical Sciences of the University of Milan, where he teaches a course on statistics and bioinformatics. He has participated in or has been responsible for many national and international research projects. He has been working since as Technical Assistant in Agriculture for the Regional Agriculture and Forestry Department of Sicily, focusing on ruminant nutrition in intensive and extensive livestock systems. At the moment he is working mainly on feeding and management of dairy sheep and goats, with a main focus on the prediction of nutrient requirements of lactating and growing animals. His main scientific interest lies in the applications of mathematical modelling to several fields of animal science, with particular reference to animal breeding. He has carried out works on lactation curve modelling, problems in quantitative trait loci detection in farm animals, optimization of selection schemes for ruminants, and applications of bioeconomic models to estimate economic values of milk production traits in sheep. His main research field is the lipid metabolism of ruminants in relation to improvement of milk and meat quality, in particular of their nutritional and nutraceutical properties. Using techniques learned from the Institute of Grassland and Environmental Research of Great Britain and the Agricultural Research Institute of Israel, he has carried out studies on the intake, feeding behaviour, energy costs and body composition of grazing sheep and goats. He has also studied the relationship between feeding and reproduction in ruminants and, in particular, in dairy sheep. He has studied the metabolic and nutritional diseases of ruminants for many years. He is author of several publications in national and international journals and proceedings of meetings in his area of expertise. Currently her research is focused on dietary strategies to improve the fatty acid profile of milk and meat, from a nutritional point of view. She teaches courses on animal production and on morphological and physiological evaluation of farm animals at the Faculty of Agriculture of the University of Sassari. His studies have focused on the behaviour of grazing goats, with the aim of developing a model to predict pasture intake and diet selection. From to , he worked at the Istituto Zootecnico e Casario per la Sardegna IZCS, Sardinian Institute for Animal Husbandry and Dairy Farming , where he was involved in different projects aimed at the study of the technological, chemical, physical and sensorial characteristics of dairy sheep and goat products. He has carried out research on sheep and goats, focusing on the quality of animal products, on mathematical models for animal husbandry techniques, and on genetic selection and reproduction. He has been a lecturer at the Faculty of Agriculture of

DOWNLOAD PDF GOAT NUTRITION FOR FIBRE PRODUCTION BY ADRIANA DI TRANA AND LUCIA SEPE

the University of Sassari since He is referee of several national and international journals in his field. He has conducted research on feeding and energy metabolism of ruminants, especially goats. His main area of expertise is animal feeding and nutrition. His main areas of research in animal science are: Until , as Director of the Centro di Collegamento Ricerca-Divulgazione Centre of Connection Research-Divulgation of Bella, Italy, she was responsible for the organization of national and international courses and meetings aimed at transferring research results to extension technicians and farmers. Since she has been on the editorial staff of Caseus, a journal specializing on cheese. She was also editor of the Caseus International journal. Her main research fields are feeding of goats, especially floristic factors influencing the quality of milk and cheese. His research has focused on the quality of animal products, i. His main interests are the mechanisms of neuroendocrine control of the metabolicâ€™ nutritional and reproductive diseases of ruminants. He has published several papers in national and international journals and proceedings of meetings in his field of expertise. He had a fellowship from the Department of Animal Science of the University of Sassari to study the protection of animal farm species at risk of extinction and of autochthonous races and breeds. He has conducted research on the somatic variability of the Sarda sheep breed and mathematical models applied to sheep and goats. She is Professor at the Department of Animal Science of UNESP, where she teaches goat production to undergraduate students and feed evaluation and nutritional requirements for ruminants to graduate students. She works on several aspects of small ruminant nutrition, with a main focus on protein, energy and mineral requirements for goats. Her main areas of research are: Currently she teaches courses on range management, range animal nutrition and range ecology at the Faculty of Forestry and Natural Environment at the Aristotle University of Thessaloniki, Greece. Among non-genetic factors, feeding is the main factor influencing milk composition and transformation properties. Feeds can also transfer toxic or undesirable substances to milk. Chapter 3, this volume and Fedele Chapter 5, this volume. A major factor which influences milk fat and protein concentration is milk yield. Such genetic correlations are stronger than the phenotypic ones in a local breed Murciano-Granadina: The reduction of fat and protein content of milk as milk yield increases is well known Emery, Dairy Goats Feeding and Nutrition eds A.

DOWNLOAD PDF GOAT NUTRITION FOR FIBRE PRODUCTION BY ADRIANA DI TRANA AND LUCIA SEPE

Chapter 2 : CSIRO PUBLISHING | Animal Production Science

11 *Nutrition for Fibre theinnatdunvilla.com* Trana and L. Sepe *Goat Nutrition for Fibre Production A. DI TRANA1 AND L. SEPE2 1Universit  degli Studi della Basilicata, Dipartimento di Scienze delle.*

Macciotta - Paolo Zambonelli Windig Recent innovations and tools of molecular genetics applied to animal breeding for the improvement of animal productions Macciotta Animal identification and parentage testing by bovine beadchips Roberta Davoli - Alessio Valentini Macciotta Effect of reference population composition and number of Principal Components on the accuracy of multiple-breed genomic evaluation C [Ital J Anim Sci vol. Paolo Bosi - Francesco Masoero Andrea Formigoni - Marcello Mele C [page j] [Ital J Anim Sci vol. Anna Badiani - Maria Federica Trombetta Anna Badiani - Giuseppe Maiorano Paolo Carnier - Luca Fontanesi Macciotta Use of canonical discriminant analysis to study selection signatures in five cattle breeds farmed in Italy Bruno Stefanon - Paolo Zambonelli Roberta Davoli - Paolo Ajmone Marsan C [page l] [Ital J Anim Sci vol. Giacomo Biagi - Stefano Schiavon 9. Aldo Prandini - Mauro Spanghero Giacomo Biagi - Stefano Schiavon Pier Paolo Gatta - Paolo Melotti Andrea Summer - Paolo Trevisi C [page n] [Ital J Anim Sci vol. Giulio Cozzi - Andrea Formigoni Milking technique in jenny: Adele Meluzzi - Gerolamo Xiccato Giovanna Martelli - Leonardo Nanni Costa Felice Adinolfi Produzioni zootecniche europee: Luca Fontanesi - Baldassare Portolano Giuseppe Bertoni - Giovanna Martelli Mitchell Quantifying physiological stress in livestock transport: Antonello Cannas - Attilio Mordenti C [page r] [Ital J Anim Sci vol. P Francesca Cecchi, Roberta Ciampolini Evaluation of the trend of the inbreeding from to in the Bracco Italiano dog breed P [Ital J Anim Sci vol. Macciotta, Fabio Pilla Use of the canonical discriminant analysis to select a reduced pool of single nucleotide polymorphism markers for sheep breed assignment and traceability purposes Williams Genotyping by sequencing protocol in water buffalo species Kunene Genetic diversity between three populations of Nguni Zulu sheep using microsatellite analysis P [page t] [Ital J Anim Sci vol.

Chapter 3 : Goat Nutrition for Fibre Production. - CORE

Dairy goats feeding and nutrition / edited by Antonello Cannas and 11 Goat Nutrition for Fibre Production A. Di Trana and L. Sepe Adriana Bonanno.

Chapter 4 : Maltese goat | Revolv

Dairy goats have long been considered an important source of income for rural populations, providing the opportunity for profitable and sustainable diversity for small farms.

Chapter 5 : Port Manteaux Word Maker

[et al.] --Grazing management of dairy goats on Mediterranean herbaceous pastures / by Adriana Bonanno, Vincenzo Fedele and Antonino Di Grigoli --Feeding management of dairy goats in intensive systems / by Luca Rapetti and Luciana Bava --Goat nutrition for fibre production / by Adriana di Trana and Lucia Sepe --Metabolic and nutritional diseases.

Chapter 6 : Protein components of goat's milk.

Goat Nutrition for Fibre Production. By A. DI TRANA and L. SEPE Topics: Goat, Nutrition, Fibre.

Chapter 7 : ASPA 20th Congress - theinnatdunvilla.com

DOWNLOAD PDF GOAT NUTRITION FOR FIBRE PRODUCTION BY ADRIANA DI TRANA AND LUCIA SEPE

Lucia Sepe, Maria Antonietta Di Napoli, Salvatore Claps, Adriana Di Trana Fat in milk and dairy products gives an important contribution to consumption of essential fatty acids and vitamins in the human diet, and play a critical role in the sensory attributes of these foods [Dewhurst et al.,].

Chapter 8 : Sarda goat | Revolvly

Adriana Carmen Lucia Di Trana () is Associate Professor of Animal Nutrition and Feeding at the Department of Animal Science of the University of Basilicata, Potenza, Italy. Her research activity concerns the feasibility of rearing Cashmere goats in typical systems of southern Italy, the quantitative and qualitative assessment.

Chapter 9 : Dairy goats feeding and nutrition.

Goat science covers quite a wide range and varieties of topics, from genetics and breeding, via nutrition, production systems, reproduction, milk and meat production, animal health and parasitism, etc., up to the effects of goat products on human health.