

Nutrient Requirements Of Dogs And Cats

Animal Nutrition National Library of Medicine Current Catalog Nutrient Requirements of Cats Equine nutrition Better Food for Dogs Manual of Veterinary Dietetics Nutrient Requirements of Domestic Animals: Nutrient requirements of dogs Performance Dog Nutrition Practical atlas of nutrition and feeding in cats and dogs Volume I The Dog Nutrient Requirements of Poultry Nutrient Requirements of Domestic Animals CANINE NUTRIGENOMICSThe Dog Diet Answer Book Nutrient Requirements of Cats Nutrition and Disease Management for Veterinary Technicians and Nurses Dog Food Logic The Role of Chromium in Animal Nutrition Nutrient Requirements of Dogs Nutrient Requirements of Horses Practical atlas of nutrition and feeding in cats and dogs (II) Nutritional Requirements of the Dog Animal Nutrition Nutrient Requirements of Dogs Predicting Feed Intake of Food-Producing Animals Nutrient Requirements of Laboratory Animals, Nutrient Requirements of Dogs Canine and Feline Nutrition - E-Book Nutritional Management of Hospitalized Small Animals Nutrient Requirements of Dogs and Cats Safety of Dietary Supplements for Horses, Dogs, and Cats Home-Prepared Dog and Cat Diets Nutrient Requirements of Fish and Shrimp Nutrient Requirements for Dogs Applied Veterinary Clinical Nutrition Canine and Feline Nutrition The China Study Canine Nutrition Dog Nutrition and Cookbook Nutrient Requirements of Swine

Animal Nutrition

Growing numbers of pet owners are giving their pets dietary

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supplements in hopes of supporting their health. Many people presume that supplements are safer than drugs, but the reality is that there are very limited safety data on dietary supplements for pets. Many challenges stand in the way of determining whether animal dietary supplements are safe and at what dosage. Supplements considered safe in humans and other species are not always safe in horses, dogs, and cats. An improved adverse event reporting system is badly needed. Also, the absence of laws and regulations that specifically address animal dietary supplements causes considerable confusion to the industry and to the public. Clear and precise regulations are needed to allow only safe dietary supplements on the market. This book examines issues in determining safety of animal dietary supplements in general, and the safety of three animal dietary supplements; lutein, evening primrose oil, and garlic, in particular.

National Library of Medicine Current Catalog

This second volume of the Practical atlas of nutrition and feeding in cats and dogs is focused on the basics of cat and dog nutrition and food management at different life stages, such as pregnancy and lactation and the geriatric stage. It also addresses the specific needs of puppies and kittens as well as sporting dogs. This book, like Volume I, is made of a series of double-page spreads with comprehensive information and plenty of visuals that, by turning concepts into images, will enable its readers to further their knowledge on pet nutrition in a pleasant manner. Who said nutrition was boring?

Nutrient Requirements of Cats

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In the years since the third edition of this indispensable reference was published, a great deal has been learned about the nutritional requirements of common laboratory species: rat, mouse, guinea pig, hamster, gerbil, and vole. The Fourth Revised Edition presents the current expert understanding of the lipid, carbohydrate, protein, mineral, vitamin, and other nutritional needs of these animals. The extensive use of tables provides easy access to a wealth of comprehensive data and resource information. The volume also provides an expanded background discussion of general dietary considerations. In addition to a more user-friendly organization, new features in this edition include: A significantly expanded section on dietary requirements for rats, reporting substantial new findings. A new section on nutrients that are not required but that may produce beneficial results. New information on growth and reproductive performance among the most commonly used strains of rats and mice and on several hamster species. An expanded discussion of diet formulation and preparation--including sample diets of both purified and natural ingredients. New information on mineral deficiency and toxicity, including warning signs. This authoritative resource will be important to researchers, laboratory technicians, and manufacturers of laboratory animal feed.

Equine nutrition

Aquaculture now supplies half of the seafood and fisheries products consumed worldwide and is gaining international significance as a source of food and income. Future demands for seafood and fisheries products can only be met by expanded aquaculture production. Such production will likely become more intensive and will depend increasingly on

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nutritious and efficient aquaculture feeds containing ingredients from sustainable sources. To meet this challenge, Nutrient Requirements of Fish and Shrimp provides a comprehensive summary of current knowledge about nutrient requirements of fish and shrimp and supporting nutritional science. This edition incorporates new material and significant updates to information in the 1993 edition. It also examines the practical aspects of feeding of fish and shrimp. Nutrient Requirements of Fish and Shrimp will be a key resource for everyone involved in aquaculture and for others responsible for the feeding and care of fish and shrimp. It will also aid scientists in developing new and improved approaches to satisfy the demands of the growing aquaculture industry.

Better Food for Dogs

Do you want to feed your furry best friend in a healthy and sustainable manner? Are you tired of reading scary dog food recalls that are putting your pets health at risk? Do you just want a simple solution that puts you in control, and allows for your dog to live a happier and healthier life? Then keep reading When stepping into a grocery store or pet shop you are greeted with aisles and walls of different pet food options. All these bright colored packages of dry and wet foods creatively marketed to get your attention unfortunately, most of these options are not necessarily the best and healthiest for your dog. Just as humans have switched from healthy, natural and traditional diets to processed and mass-produced foods, we have made the same choices on behalf of our dogs. We are feeding our dogs the same "fast food" day in and day out, and this limits their nutritional intake. Just as people need variety in their diet, so do dogs. After all,

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wouldn't you get tired of having spaghetti as your only meal for years on end? Luckily, there is a better way that is both simple and effective a fresh food diet (either store-bought or homemade). Instead of eating biologically inappropriate foods full of questionable meat sources and additives that can cause health problems, your pup can enjoy simple freshly cooked meals. You might be wondering won't this homemade cooking take a long time? Or isn't this more expensive than buying a bag of food at my local store? This book will guide you through the entire process and you will find preparing healthy food for your dog is easier and less expensive than you think. Here's just a tiny bit of what you'll discover inside our 'Dog Nutrition & Cookbook' The problems with commercial pet foods (these facts will shock and surprise you). The 7 major nutrients dogs need in their diet. How much should your dog eat? Do you own a puppy or a senior dog? A large breed or a small guy or gal? They all have a different set of nutritional demands, and it's all covered inside. 25 foods dogs should steer clear of at all costs. More than 17 'PAWsitively' delicious meal recipes and 5 treat recipes that your dog will love and are guaranteed to spoil her/him with nutritional goodness. An easy to follow and prepare 2 week meal plan that will save you time and money. How to properly read a dog food label and understand what's really inside your dogs food. How to make mealtime positive and even more effective with simple training tricks. and much, much more. This is a great book for those looking to get more information on dog nutrition and keeping their dogs healthy. There is a lot of conflicting and overwhelming information out there. This guide simplifies the process and silences the noise. Ready to get started and find out more? It's as easy as scrolling up and tapping "Buy Now".

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Manual of Veterinary Dietetics

Updating recommendations last made by the National Research Council in the mid-1980s, this report provides nutrient recommendations based on physical activity and stage in life, major factors that influence nutrient needs. It looks at how nutrients are metabolized in the bodies of dogs and cats, indications of nutrient deficiency, and diseases related to poor nutrition. The report provides a valuable resource for industry professionals formulating diets, scientists setting research agendas, government officials developing regulations for pet food labeling, and as a university textbook for dog and cat nutrition. It can also guide pet owners feeding decisions for their pets with information on specific nutrient needs, characteristics of different types of pet foods, and factors to consider when feeding cats and dogs.

Nutrient Requirements of Domestic Animals: Nutrient requirements of dogs

Nutritional Management of Hospitalized Small Animals offers veterinarians, veterinary students and technicians a comprehensive reference to the latest information relating to the principles and practice of nutritional support in small animals that require hospitalization. Represents the definitive resource for small animal veterinarians in providing optimal nutritional support for their patients during hospitalization. Discusses and demonstrates the most up-to-date techniques available for successfully implementing nutritional support for hospitalized small animal patients. Provides step-by-step pictorial instructions on how to implement the most appropriate techniques for particular patients. Reveals expected outcomes and possible complications along with

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strategies to minimize risk of complications

Performance Dog Nutrition

This 1986 edition provides a comprehensive review of feline nutrition. Updated since the last edition, it includes new estimates of amino acid requirements, expanded sections on feed ingredients, new requirements for essential fatty acids, information about toxic substances, and extensively revised tables of feed ingredients and their nutritional values. In addition, guidelines for formulating diets that contain natural feedstuffs are given.

Practical atlas of nutrition and feeding in cats and dogs Volume I

A guide that cuts through the haze of misinformation and delivers an insightful message to anyone living with or at risk from the following: cancer, diabetes, heart disease, obesity, Alzheimer's disease and /or osteoporosis. Dr Campbell illuminates the connection between nutrition and these often fatal diseases and reveals the natural human diet. He also examines the source of nutritional confusion produced by powerful lobbies, government entities and opportunist scientists. Part medical thriller, part governmental expos é .

The Dog

Who said that nutrition is boring? Not in this book! Here we have transformed nutrition into a series of graphic pages, with simple and concise text and several diagrams, drawings and images, by which the veterinarian can see all of the fundamental aspects of nutrition in dogs and cats. From

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digestive physiology and dietary behavior, the evaluation of body condition and morphometric measurements, to the characterization of the immediate principals and the description of the energy and nutrient requirements, this atlas is a succession of pages with an immense richness in information and visuals that will enable the reader to enjoyably deepen their knowledge about pet nutrition.

Nutrient Requirements of Poultry

Nutrigenomics is the new science of how diet affects gene expression at the cellular level, creating vibrant health or chronic disease. Optimum health begins in the cells—and this book shows you how to achieve it for your dog!

Nutrient Requirements of Domestic Animals

Each of these popular handbooks contains comprehensive information on the nutritional needs of domestic animals and includes extensive tabular data. All are paperback and 8 1/2 x 11. Some books come with diskettes or CDs that allow users to predict nutrient requirements of specific animals under various conditions and at various life stages.

CANINE NUTRIGENOMICS

Proper formulation of diets for horses depends on adequate knowledge of their nutrient requirements. These requirements depend on the breed and age of the horse and whether it is exercising, pregnant, or lactating. A great deal of new information has been accumulated since the publication 17 years ago of the last edition of Nutrient Requirements of Horses. This new edition features a detailed review of

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scientific literature, summarizing all the latest information, and provides a new set of requirements based on revised data. Also included is updated information on the composition of feeds, feed additives, and other compounds routinely fed to horses. The effects of physiological factors, such as exercise, and environmental factors, such as temperature and humidity, are covered, as well. Nutrient Requirements of Horses also contains information on several nutritional and metabolic diseases that horses often have. Designed primarily as a reference, both practical and technical, Nutrient Requirements of Horses is intended to ensure that the diets of horses and other equids contain adequate amounts of nutrients and that the intakes of certain nutrients are not so excessive that they inhibit performance or impair health. This book is primarily intended for animal nutritionists, veterinarians, and other scientists; however, individual horse owners and managers will also find some of this material useful. Professors who teach graduate courses in animal nutrition will find Nutrient Requirements of Horses beneficial as a textbook.

The Dog Diet Answer Book

Nutrient Requirements of Cats

Includes tips for pet owners to diagnose common dog health problems and adjust diets accordingly. Contains home remedies for common ailments and recipes for homecooked meals and treats.

Nutrition and Disease Management for Veterinary Technicians and Nurses

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This comprehensive guide provides diet and feeding recommendations for both healthy and sick animals. Recommendations are based on a physical and nutritional assessment of the patient, and the wishes and abilities of clients. Suggested dietary interventions are assessed based on indications, possible adverse reactions, contradictions, and ongoing evaluation.

Dog Food Logic

This classic reference for poultry nutrition has been updated for the first time since 1984. The chapter on general considerations concerning individual nutrients and water has been greatly expanded and includes, for the first time, equations for predicting the energy value of individual feed ingredients from their proximate composition. This volume includes the latest information on the nutrient requirements of meat- and egg-type chickens, incorporating data on brown-egg strains, turkeys, geese, ducks, pheasants, Japanese quail, and Bobwhite quail. This publication also contains new appendix tables that document in detail the scientific information used to derive the nutrient requirements appearing in the summary tables for each species of bird.

The Role of Chromium in Animal Nutrition

Choosing the right dog food in a world with too many choices
Walking down the dog food aisle in a pet supply superstore can present you with an overwhelming number of choices. Reading about dog food on the internet can make your head spin with so many opinions and stories. And judging the content that you find on dog food packaging can be confusing and misleading. How can the average dog owner make an

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informed choice in accordance with her dog's age, size and condition? In her latest book, author Linda Case describes how to make logical, evidence-based decisions for what to feed your dog amid all the options available.

You will learn

- How pet food marketers appeal to your emotions to persuade you to buy a particular type of dog food.
- To distinguish between scientific, evidence-based information and the anecdotal evidence which is so pervasive—and often misleading—in the dog food arena.
- Is there a scientific basis for dog foods designed specifically for puppies, senior dogs, canine athletes—even various breeds of dogs?
- How to read and evaluate all of the material included on a typical package of dog food from the ingredients and label claims (“Natural,” “Anti-Oxidant,” “Low Fat”), to the Nutrient Analysis and Nutritional Adequacy statements.
- How to avoid choice paralysis and the cognitive traps that can interfere with clear decision making.

What experts are saying about Dog Food Logic

Pet food is like a religion for many—but now those strong emotional ties can be backed up with fact. Linda Case separates fact from fiction, explains the complex terms and offers a guide to pet nutrition in simple to comprehend language. Unlike other books on this topic, there is no agenda here—except to present facts and then allow pet owners to make their own logical conclusions, letting the kibble drop where it may.

Steve Dale, CABR, columnist Tribune Content Agency; radio host Black Dog Radio Productions and WGN Radio (Chicago); contributing editor USA Weekend; special correspondent Cat Fancy; author Good Cat!

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Dog Food Logic is the indispensable guide to the science behind canine nutrition that will help us to make wise, well-informed choices about how and what we feed our dogs. It takes the fear out of trying to understand proper nutrition and will empower us to determine what is best for the health of our dogs.

Claudia Kawczynska, Founder and Editor-in-chief of The Bark

Don't read this book if you want someone to tell you what to feed your dog. This is a book for people who want to learn, in a reasoned and thoughtful way, how to figure it out for themselves. Dog Food Logic goes way beyond the usual textbook list of nutritional requirements to cover the pet food industry in all its glory: the history, the business, the marketing, and best of all, the science. Case deftly navigates the most controversial topics in pet food and presents the big picture without interjecting judgment about what approach is best. There's something here for everyone: pet care professionals and dog lovers alike will learn something new from this informative, easy to read, and well researched book.

Jessica Vogelsang, DVM, CVJ, author, speaker, and CEO of Pawcurious Media

Nutrient Requirements of Dogs

This book presents the current understanding of the lipid, carbohydrate, protein, mineral, vitamin, and other nutritional needs of laboratory animals. Extensive tables provide easy access to data and resources. Also included is an expanded

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background discussion of general dietary considerations. New features of this edition include new information on mineral deficiency and toxicity and expanded discussion of diet formulation and preparation.

Nutrient Requirements of Horses

Home-Prepared Dog and Cat Diets, Second Edition provides an introduction to nutrition of the healthy dog and cat and an extensive discussion of medical disorders that can be managed in part through diet. Presenting easy-to-follow recipes that can be prepared at home, this new edition of Donald Strombeck's classic handbook has been completely rewritten by new author Patricia A. Schenck to reflect the latest nutritional recommendations based on current research. New chapter topics include feeding the puppy and kitten; feeding the pregnant or lactating dog or cat; feeding the senior pet; feeding the performance dog; and the role of diet in pets with cancer. Diets are now listed together in a cookbook style for ease of use, and recipes are adjustable for any size dog or cat, allowing exact nutritional values to be calculated. Nutrient content for protein, fat, carbohydrate, and fiber have been provided for every diet, along with the nutrient density. A companion website features downloadable spreadsheets with complete nutritional breakdowns for each recipe. Useful for both veterinarians and pet owners alike, Home-Prepared Dog and Cat Diets, Second Edition is a unique handbook written by an expert in the field providing an introduction to the nutritional management of dogs and cats with easy-to-use recipes for home-prepared diets.

Clarification: Calcium Carbonate We've had some questions from readers regarding the use of the term "calcium carbonate," which is listed as an ingredient in a number of the

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diets found in this book, and therefore wanted to clarify what is meant by this ingredient. Baking soda comes in two forms: sodium bicarbonate and calcium carbonate. The sodium bicarbonate version is widely available as “baking soda” and is commonly used in baking, but none of the recipes in this book use it as an ingredient. The calcium carbonate version of baking soda is sometimes sold as “baking soda substitute” and sometimes referred to as simply “baking soda.” To avoid confusing sodium bicarbonate and calcium carbonate, any time the calcium carbonate type of baking soda has been used in a diet in this book, the ingredient includes the specific term “calcium carbonate.” There are several manufacturers of calcium carbonate baking soda; for example, Amazon carries the Ener-G Foods product baking soda substitute. Calcium carbonate can also be sold for garden use, which is non-food-grade, so to avoid the use of the garden product in foods, the term “baking soda” was used in this book instead to indicate that readers should be sure to select a food-appropriate ingredient.

Practical atlas of nutrition and feeding in cats and dogs (II)

Nutritional Requirements of the Dog

Since 1944, the National Research Council has published 10 editions of the Nutrient Requirements of Swine. This reference has guided nutritionists and other professionals in academia and the swine and feed industries in developing and implementing nutritional and feeding programs for swine. The swine industry has undergone considerable changes since the tenth edition was published in 1998 and some of the

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requirements and recommendations set forth at that time are no longer relevant or appropriate. The eleventh revised edition of the Nutrient Requirements of Swine builds on the previous editions published by the National Research Council. A great deal of new research has been published during the last 15 years and there is a large amount of new information for many nutrients. In addition to a thorough and current evaluation of the literature on the energy and nutrient requirements of swine in all stages of life, this volume includes information about feed ingredients from the biofuels industry and other new ingredients, requirements for digestible phosphorus and concentrations of it in feed ingredients, a review of the effects of feed additives and feed processing, and strategies to increase nutrient retention and thus reduce fecal and urinary excretions that could contribute to environmental pollution. The tables of feed ingredient composition are significantly updated. Nutrient Requirements of Swine represents a comprehensive review of the most recent information available on swine nutrition and ingredient composition that will allow efficient, profitable, and environmentally conscious swine production.

Animal Nutrition

Nutrient Requirements of Dogs

Applied Veterinary Clinical Nutrition provides current, clinically relevant nutritional advice intended for use in daily canine and feline practice. Highly practical, the book emphasizes solutions for integrating nutrition into clinical practice, with introductory chapters covering the foundation and science behind the recommendations and extensive references for

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further reading. Written by a group of leading veterinary nutritionists, *Applied Veterinary Clinical Nutrition* is a valuable resource on the principles of animal nutrition and feeding practices in healthy or diseased dogs and cats. The book begins with an overview of basic nutrition, energy requirements, and the basics of product guides, pet foods, home-prepared diets and dietary supplements. Subsequent chapters delve into feeding the healthy dog and cat, nutrition for weight management, and nutritional principles for a variety of diseases, with the final chapters covering enteral and parenteral nutrition. *Applied Veterinary Clinical Nutrition* is a daily reference for veterinary practitioners, students, and residents seeking authoritative information on feeding animals. Key features

- Supplies authoritative information from the leading veterinary nutritionists
- Offers practical strategies for incorporating nutritional principles into daily clinical small animal practice
- Provides a reliable resource on feeding practices in both healthy and diseased dogs and cats
- Covers basic background information such as energy requirements and pet food choices as well as clinically oriented topics like weight management and nutritional management of disease
- Helps veterinary practitioners of all experience levels to confidently and competently make nutritional recommendations

Predicting Feed Intake of Food-Producing Animals

Nutrient requirements and signs of deficiency; Energy; Carbohydrates; Fat; Protein; Minerals; Vitamins; Water; Composition of feeds; Formulated diets for dogs.

Nutrient Requirements of Laboratory Animals,

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Nutrition is the key driver of animal health, welfare and production. In agriculture, nutrition is crucial to meet increasing global demands for animal protein and consumer demands for cheaper meat, milk and eggs and higher standards of animal welfare. For companion animals, good nutrition is essential for quality and length of life. Animal Nutrition examines the science behind the nutrition and feeding of the major domesticated animal species: sheep, beef cattle, dairy cattle, deer, goats, pigs, poultry, camelids, horses, dogs and cats. It includes introductory chapters on digestion and feeding standards, followed by chapters on each animal, containing information on digestive anatomy and physiology, evidence-based nutrition and feeding requirements, and common nutritional and metabolic diseases. Clear diagrams, tables and breakout boxes make this text readily understandable and it will be of value to tertiary students and to practising veterinarians, livestock consultants, producers and nutritionists.

Nutrient Requirements of Dogs

Better Food for Dogs People want their dogs to have happy, healthy and long lives and providing the best nutrition is one of the most important steps you can take toward achieving this goal. The problem is most of us aren't nutritionists and there are so many conflicting opinions about dog's dietary needs that feeding your dog can become an overwhelming challenge. Better Food for Dogs is an invaluable reference that will guide you through this nutritional puzzle. It also provides you with all the information -- complete with tasty recipes, tested and approved by dogs -- you need to feed your dog a natural home-prepared diet, one of the best investments you can make in his/her health. Here are just

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some of the easy to prepare recipes: Breakfast Burrito, Blueberry Banana Biscotti, Turkey and Rice, Divine Diner Burrito, Stir-Fried Ginger Beef with Greens, Chicken Fried Rice, Barbecued Hamburgers, Salmon and Dill Pasta, Basil Chicken and Vegetable Pasta. From basic everyday meals to gourmet dinners Special cookie treats Myths about dog and people food Nutrient sources for your dog User friendly charts provide important information at a glance How to identify good-quality processed foods Problems associated with low-quality diets

Canine and Feline Nutrition - E-Book

Today's dog food industry is producing hundreds of dog food formulas for the market. This industry has also tested many different breeds of dogs for their nutritional requirements. Results of this testing were published in 1985, showing such a wide range of nutritional requirements that we now know one food cannot be correct for all dogs. Yet, to date, no one from any of the dog food companies has come forward to tell us which breeds might react adversely to their food. This has left most dog food buyers in the position of having to experiment at home in order to find the best food for their dog. Too often this type of experimenting has had disastrous results. But now the dog food buyer has a tool this book can help all dog owners match their dog to the right food. Recommendations in this book are made by the nutrient sources found in most commercial dog food formulas, and not by brand name or with any bias or brand loyalty.

Nutritional Management of Hospitalized Small Animals

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CANINE AND FELINE NUTRITION concentrates on the dietary management of the healthy dog and cat. It provides in-depth examination of nutritional principles, nutrient requirements, feeding management and treatment of nutritionally-responsive diseases. Current research is reviewed along with balanced discussions of controversial issues of dietary management. Thoroughly revised and updated, it provides the latest animal nutrition information for veterinarians, students, and companion animal enthusiasts.

Nutrient Requirements of Dogs and Cats

Each of these popular handbooks contains comprehensive information on the nutritional needs of domestic animals and includes extensive tabular data. All are paperback and 8 1/2 x 11. Some books come with diskettes or CDs that allow users to predict nutrient requirements of specific animals under various conditions and at various life stages.

Safety of Dietary Supplements for Horses, Dogs, and Cats

The American feed industry manufactures tons of dietary supplements and additives each year for inclusion in the diets of food-producing animals. Some scientists have suggested that chromium should be a key ingredient in nutritional supplements. Controversy exists, however, over whether chromium sources should be approved as feed additives and whether enough data exist to establish dietary requirements. Chromium use has been suggested to have positive impacts on farm profitability, and many animal health benefits have been attributed to chromium supplementation, including increased longevity; enhanced reproduction; decreased

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incidence of metabolic disorders, stress effects, and disease; reduced need for antibiotic usage; improved immune response; and lean carcass quality. This book addresses recent research on chromium in animal diets; metabolic interactions between chromium and other nutrients; assessments of form and species interactions; supplementation effects; bioavailability of chromium forms and sources; and effects of diet composition, stressors, and animal physiological status on chromium utilization. It also provides recommendations on the essentiality of dietary chromium in domestic animal species and guidelines for use of dietary chromium.

Home-Prepared Dog and Cat Diets

Dogs are a part of nearly 40 percent of United States households. With this in mind, author Linda P. Case has written the definitive textbook on dogs and their care. Completely updated and revised, the second edition of *The Dog* covers four areas of compelling interest: the bond between dogs and humans, canine behavior, canine health and disease, and canine nutrition. Aiming to enhance the human-dog bond, author Case uses clear, understandable writing to explain selective breeding, training principles, solution to common behavior problems, diet and nutrition, and preventative health care. Case liberally uses distinctive figures and tables, current references plus suggested readings, and a thorough glossary to aid in comprehension. More in-depth than most dog books, *The Dog* will prove to be an indispensable tool for undergraduate companion animal courses, veterinary technician courses, and dog care/training courses. In addition, it will serve as a valuable resource for professional breeders, trainers, exhibitors, and veterinary

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clinicians.

Nutrient Requirements of Fish and Shrimp

Nutrient Requirements for Dogs

How much do animals eat? Why do eating patterns change? How do physiological, dietary, and environmental factors affect feed intake? This volume, a comprehensive overview of the latest animal feed intake research, answers these questions with detailed information about the feeding patterns of fishes, pigs, poultry, dairy cows, beef cattle, and sheep. Equations for calculating predicted feed intake are presented for each animal and are accompanied by charts, graphs, and tables.

Applied Veterinary Clinical Nutrition

Nutrition and Disease Management for Veterinary Technicians and Nurses, Second Edition offers a thorough update and significant expansion of this easy-to-use introduction to veterinary nutrition and diet, with broader species coverage, a new section on nutritional management of disease, and many new chapters. • Provides a complete reference to veterinary nutrition, from the fundamentals to feeding companion animals of any age and health status • Adds information on nutrition in birds, small mammals, and horses to the existing dog and cat coverage • • Presents a new section on managing disease through nutrition, with 10 new disease chapters • Offers additional new chapters on nutritional calculations, types of pet foods, raw food diets, additives and preservatives, nutrition myths, nutritional

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support, and assisted feeding • Includes access to a companion website with case studies, review questions and answers, and the figures from the book in PowerPoint

Canine and Feline Nutrition

Each of these popular handbooks contains comprehensive information on the nutritional needs of domestic animals and includes extensive tabular data. All are paperbound and measure 8 1/2 x 11.

The China Study

Canine Nutrition

How well can you answer pet owners' questions about proper diet and feeding? *Canine and Feline Nutrition, 3rd Edition* describes the role of nutrition and its effects upon health and wellness and the dietary management of various disorders of dogs and cats. By using the book's cutting-edge research and clinical nutrition information, you'll be able to make recommendations of appropriate pet food and proper feeding guidelines. Pet nutrition experts Linda P. Case, MS, Leighann Daristotle, DVM, PhD, Michael G. Hayek, PhD, and Melody Foess Raasch, DVM, provide complete, head-to-tail coverage and a broad scope of knowledge, so you can help dog and cat owners make sound nutrition and feeding choices to promote their pets' health to prolong their lives. Tables and boxes provide quick reference to the most important clinical information. Key points summarize essential information at a glance. A useful *Nutritional Myths and Feeding Practices* chapter dispels and corrects common food myths. New

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clinical information covers a wide range of emerging nutrition topics including the role of the omega-3 and omega-6 fatty acid families in pet health and disease management. Coverage of pet food safety and pet food ingredients includes both commercially and home-prepared foods and provides answers to pet owners' questions on these topics. Completely updated content reflects the latest findings in clinical nutrition research. Information regarding functional ingredients and dietary supplementation provides a scientifically based rationale for recommending or advising against dietary supplements. Guidelines for understanding pet food formulations and health claims differentiate between "market-speak" and actual clinical benefits for patients, with practice advice for evaluating and selecting appropriate foods.

Dog Nutrition and Cookbook

Nutrition is the key driver of animal health, welfare and production. In agriculture, nutrition is crucial to meet increasing global demands for animal protein and consumer demands for cheaper meat, milk and eggs and higher standards of animal welfare. For companion animals, good nutrition is essential for quality and length of life. Animal Nutrition examines the science behind the nutrition and feeding of the major domesticated animal species: sheep, beef cattle, dairy cattle, deer, goats, pigs, poultry, camelids, horses, dogs and cats. It includes introductory chapters on digestion and feeding standards, followed by chapters on each animal, containing information on digestive anatomy and physiology, evidence-based nutrition and feeding requirements, and common nutritional and metabolic diseases. Clear diagrams, tables and breakout boxes make this text readily understandable and it will be of value to

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tertiary students and to practising veterinarians, livestock consultants, producers and nutritionists.

Nutrient Requirements of Swine

'Equine nutrition' gives insight in updated feed evaluation systems based on net energy, global amount of amino acids, and feed intake. These systems allow accurate comparison of the nutritive value of feeds, the formulation of well-balanced rations to achieve production or utilisation goals, and the prediction of equine performance based on the quantity and quality of the ration. 'Equine nutrition' provides an update of the nutrient requirements for all categories of equine. Tables of recommended allowances based on long term feeding trials carried out at INRA are proposed. These recommendations and the simple approach to formulation of rations based on the use of a maximum amount of forage have been successfully tested in the fields. The importance of grass intake during summer for the different categories of equines is evaluated and grazing management is described. Feed allowances and feeding practices are proposed in respect of health and behaviour of the equine and of the preservation of environment. The feed tables list 169 roughages and 71 concentrates feeds. Data have been derived from digestion trials on horses, carried out at INRA and measurements of voluntary intake for most of the forages. This book also deals with several distinct pedagogic tools dedicated to end-users: 'equination', a guide to 'body condition scoring in horse' and 'Equine Rami' for horse grazing and farming management. This book is an essential source for scientists, teachers and their students, advisers and professionals.

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