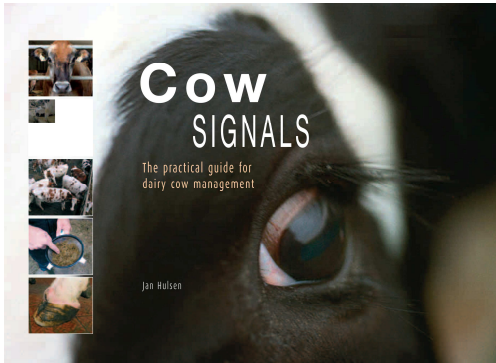


## List of books available to order from DPSL

### Cow Signals

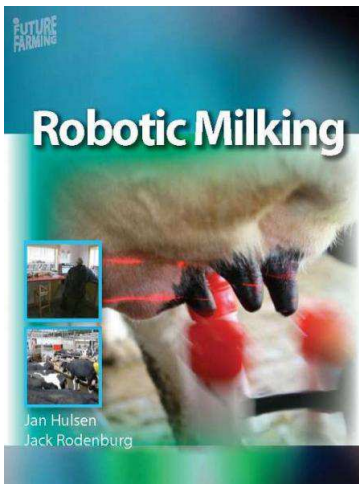
**\$80.00 incl GST + Postage** (prices are subject to change)



Cows send out signals continuously about their health, well-being, nutrition and production. Their challenge for every dairy farmer is how to interpret these signals and use them. When observing cows it is more important not to jump to conclusions but instead, always ask yourself three questions: What am I seeing? Why has this happened? What does this mean? For example, a lump on a cows shoulder says something about the feed barrier, while cows' standing in cubicles is a sign of mediocre cubicle discomfort. Armed with information like this, you can take appropriate remedial action. If you know what to look for, you can pick up the signals every where and any time.

### Robotic Milking

**\$95.00 incl GST + Postage** (prices are subject to change)



The success of robotic milking is based on the cows in the barn. This concerns housing, feed, care and working with the animals. The first challenge for the robot farmer is to leave the cows in peace. They must be healthy, they must enjoy eating and they must go easily to the robot to be milked. No more is required, but certainly no less. The second challenge is organizing the work. There are few tasks that take place at fixed times, but the farmer still has to have daily work lists. And he relies heavily on information that is provided by the computer. Because the cows must be super-healthy and stay super-healthy, the technical apparatus must continue to work perfectly. Prevention and thinking ahead are crucial. "Good enough" does not work; only "excellent" is acceptable. The successful robot farmer is a manager who knows how to distinguish important issues from subsidiary ones. He focuses primarily on the cows, thinks in terms of processes and can work well with management information. Robotic Milking is a first available practical book about managing robotic dairy farms. This unique book is full of practical information, management information and ideas

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## Weather & Crop Signals

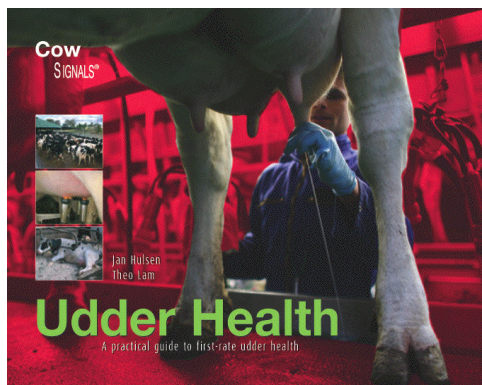
**\$80.00 incl GST + Postage** (prices are subject to change)



The weather has a greater influence on crop protection than many farmers think. It affects the development of diseases and pests, the application and effectiveness of products and the protection of plants and harvested crops. These relationships are explained clearly in the practical guide *Weather & Crop Protection*. After reading this guide anyone involved in arable farming will understand the influence of weather on diseases, pests and their control. You will be able to take preventative action or respond in good time to the first signs of disease in order to achieve the best possible results for your crop, your wallet and the environment.

## Udder Health

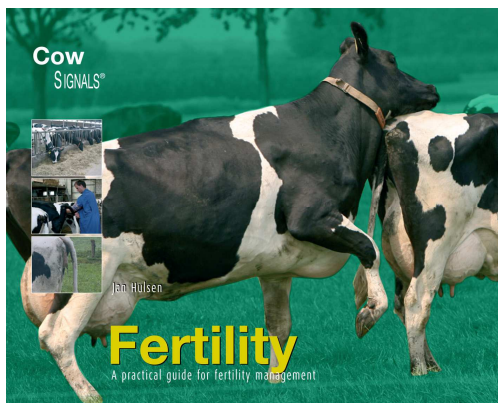
**\$80.00 incl GST + Postage** (prices are subject to change)



Do you know how to organize milking so that it takes the minimum time and runs smoothly for each cow? Do you know how to treat a cow with udder problems? Or how to overcome a cell count problem? With a structured approach, a dairy farm can achieve and maintain first rate udder health. This guide follows you, the farmer through your daily/weekly/monthly routines, since udder health should not be regarded as separate from other activities on the farm. Its practical text, problem solving flowcharts and clear photos and illustrations make *Udder Health* an accessible and useful guide for every dairy farmer. *Udder Health* will help you to control the number one health problem on dairy farms!

## Fertility

**\$90.00 incl GST + Postage** (prices are subject to change)



Getting cows into calf may seem easy enough, but fertility is a problem for many farming businesses. Important issues include nutrition and the health of the cows with respect to calving and the first month of lactation. Properly dealing with these two issues forms the most important challenge in breeding for virtually every dairy farm. Getting cows into calf, usually through insemination, is a meticulous job that requires commitment, due care and professional skill. Fortunately, professional skill can be trained. Professional skill, care, commitment and motivation are encouraged by direct, visible results. This guide examines all elements concerning a proper approach to fertility in your business



## From Calf to Heifer

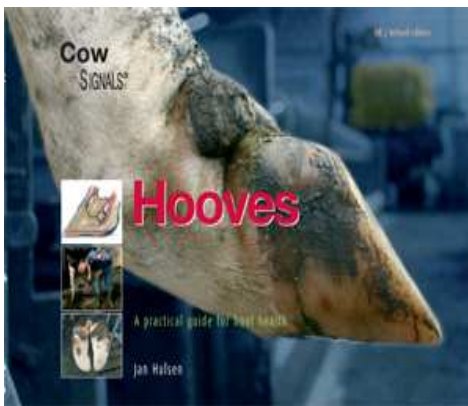
**\$80.00 incl GST + Postage** (prices are subject to change)



Rearing Calves into heifers is a major investment in terms of money and labour. Your dual aims are to turn your heifer into a strong, productive dairy cow and to use labour, housing and feed efficiency. If you achieve these aims, you will cut the costs of rearing per kilogram of milk. This guide covers the basics of successful rearing, shows you how to control risks and helps you to structure your work so that each calf automatically receives the best treatment. It contains many sensible tips on how to improve the rearing of calves and yearlings. You will turn to this guide time and again for its practical information: after all, your young stock are your future!

## Hooves

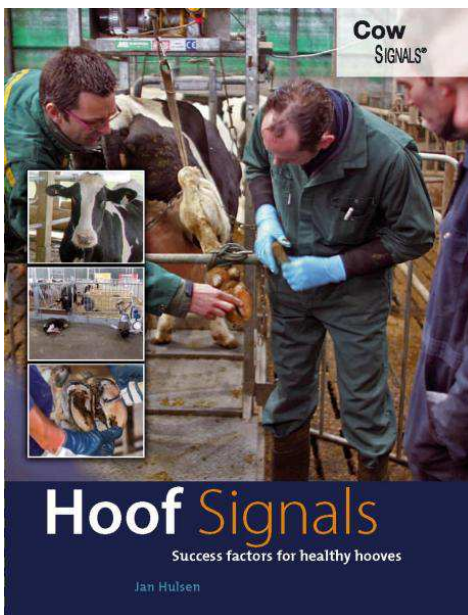
**\$72.00 incl GST + Postage** (prices are subject to change)



Lame cows are a sign that preventive hoof care can be improved and that earlier treatment would be beneficial. Good hoof management saves you a lot of time and money and spares the cow discomfort. This guide offers practical help in achieving good hoof health for your animals. Hoof disorders result in cows suffering from pain, insufficient rest, inadequate intake of feed and water and an increased susceptibility to many other disorders. Hooves will teach you how to minimize the risks before the first symptoms occur and help you to respond in a timely and effective fashion to the first signs of hoof problems and increased risks.

## Hoof Signals

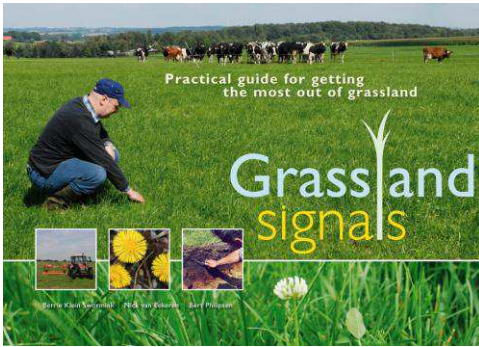
**\$ 95.00 incl GST + Postage** (prices are subject to change)



Our cows' hooves are the weakest link in their health, along with feed and feed intake. Cows that become lame - however slightly - will eat, drink and lie down less. They will therefore produce less milk and it will be more difficult to get them in calf. Plus they will need additional attention and work on an ongoing basis. This is why it is important for every livestock farmer to pay constant attention to the health of his cows' hooves. In terms of the design and construction of paths and barns. In terms of the way they are managed so they remain clean and dry. And in terms of daily care tasks such as feeding, moving and treatment of the animals. A good manager makes hoof health care an integral part of his work and in his daily, weekly, monthly and annual routine. He also focuses on prevention, so his time is not constantly taken up treating lame cows. He thinks ahead! The modern farmer knows that he can bring in specialist vets, hoof trimmers and feed advisors. They may not have a clear picture of why certain conditions come about, but they know more than enough about how to prevent them. **Hoof Signals** provides all the practical knowledge a farmer needs to get hoof health on his dairy farm under control. With easily understandable descriptions, clear drawings and lots of photographs.

## Grassland Signals

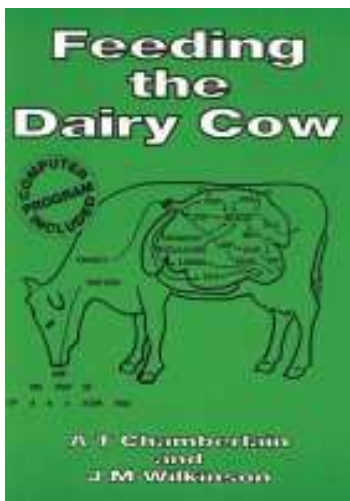
**\$80.00 incl GST + Postage** (prices are subject to change)



For many dairy farmers, grasslands are their prominent feed supplier. However, there are different types of grassland and sometimes, the neighbour's grass is actually greener. The production and quality of crops vary strongly. What causes these differences? Grassland Signals is an unparalleled practical guide that supports farmers in making even better use of their grassland. The book discusses the seasons by posing three basic questions: What am I seeing? What does this mean? What should I do? Plants often function as an indicator; the presence of much annual meadow grass may be an indication of excessive grazing pasture. Grassland Signals provides new insights in order to improve the growth and quality of your grass, allowing for greater returns from grasslands

## Feeding the Dairy Cow

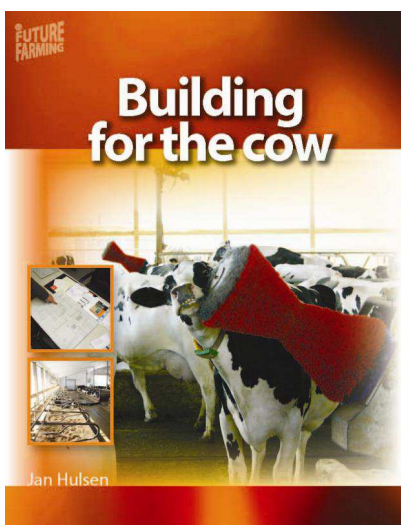
**\$100.00 incl GST + Postage** (prices are subject to change)



FEEDING THE DAIRY COW is a comprehensive guide for farmers and advisers who wish to become more adept at solving nutritional problems and devising improved diets for efficient milk production. The objectives of the book are to establish a thorough working knowledge of dairy cow nutrition and diet formulation on farms. Specially devised look-up tables, a computer program, worked examples and exercises are provided to help the reader understand feeding systems and to facilitate rapid problem-solving

## Building for the cow

**\$95.00 incl GST + Postage** (prices are subject to change)



The dairy industry is busy making up lost ground: many worn, outdated and / or over-occupied sheds from the 70's and 80's are being replaced on a large scale by new ones. The average farm size of 70 cows is expected to more than double over the next ten years. Many farmers who want to expand are still planning on the basis of their trusty one-man-farm, however, which can be an obstacle to a good larger shed design. Even farm advisers still have to gain experience of setting up and managing larger farm. Farmers and their advisers will have to think carefully in order to arrive at an adequate and affordable shed design; given the average useful life of 25 years, a good shed design is valuable to the farmer. Building for the cow uses a structured, detailed step-by-step plan to describe all the important aspects of shed design. The book describes factors to take into account when designing and building a new shed, or adapting / extending an existing shed, not forgetting the financial and commercial aspects. Emphasis is on the four cornerstones of good shed design: comfortable for the cow, workable for the farmer, extendable and simple / flexible / durable. Building for the cow is an excellent tool in farm management



## Prospects for bedded pack barns for Dairy Cattle

**\$80.00 incl GST + Postage** (prices are subject to change)



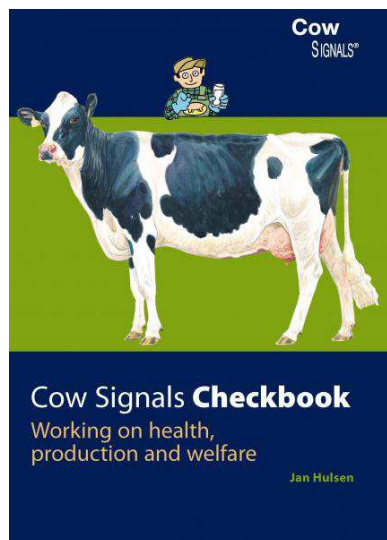
### Prospects for bedded pack barns for dairy cattle



What do cows, dairy farmers and society want? This question formed the background to the study carried out by Wageningen UR Livestock Research into alternatives to the traditional cubicle-based housing. Recently, due to animal welfare considerations, there has been a greater focus on providing cows with more space and reducing the amount of concrete and ironwork in their housing. The bedded pack barn offers the opportunity to achieve this on the condition that the requirements for a hygienic and dry top layer (on the ground or floor) are complied with. The book **'Prospects for bedded pack barns for dairy cattle'** clearly and concisely describes the perspective offered to dairy farmers by bedded pack barns.

## Cow Signals Checkbook

**\$150 incl GST + Postage** (prices are subject to change)

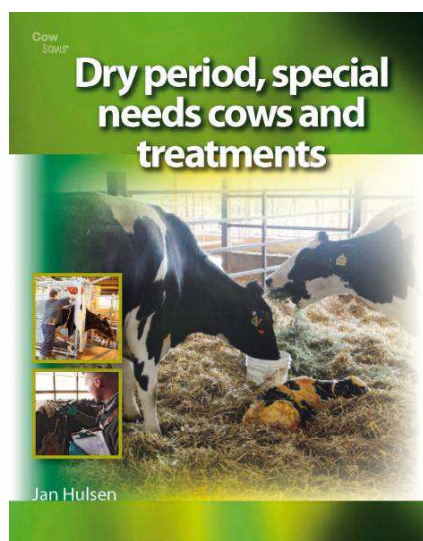


The Cow Signals Checkbook is a collection of the 54 most important checklists, score cards and instruction cards designed to help dairy farmers manage their day-to-day operations. These cards cover all aspects of cow husbandry. This Check Book is part of the successful Cow Signals series. The cards are designed to be used separately. It is therefore not a book in the usual sense of the word, but a source of information for you to dip into as and when you need it.

By working with the Cow Signals Checkbook, every dairy farmer can improve the health, production and welfare of their cows. And benefit your economic results

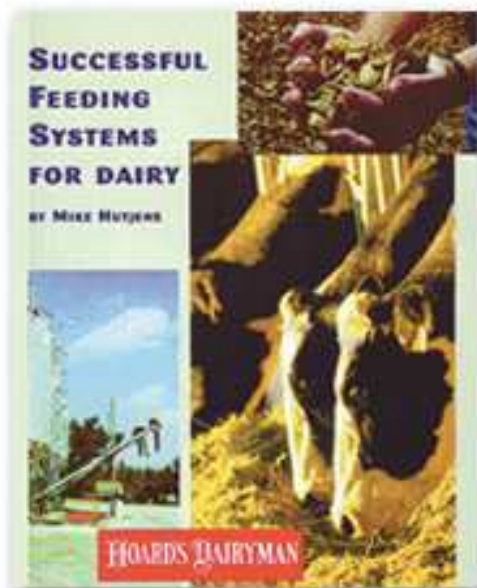
## Dry Period Special Needs

**\$95 incl GST + Postage** (prices are subject to change)



Dry period, special needs cows and treatments brings together all the practical information about the most important period in the cow's lactation cycle, the group of cows that require most attention and the jobs that have the greatest impact on the health, welfare, production and job satisfaction of cow and farmer. Eighty per cent of the time a farmer spends directly on his cows goes on twenty per cent of his herd. This twenty per cent consists of special needs cows - dry cows, new heifers, newly calved cows, lame cows, weak cows and sick cows. Targeting this work efficiently saves a lot of time and makes the farmer's work much more enjoyable. Dry period, special needs cows and treatments discusses how to go about all these aspects in practice. Written in a practical way, Dry period, special needs cows and treatments explains how to guide the cows through a healthy and problem-free dry period, calving, and start of lactation. The outcome: more milk and far fewer problems, because seventy-five per cent of health problems occur in the first month after calving. Dry period, special needs cows and treatments also explains how to organise and implement actions and treatments. So that your cows and heifers stay healthy or recover fast. And so that you, the farmer, can work safely and get plenty of job satisfaction every day.

The Following Books are available to order through DPSL – they are not currently in stock, but price and availability can be obtained if interested.

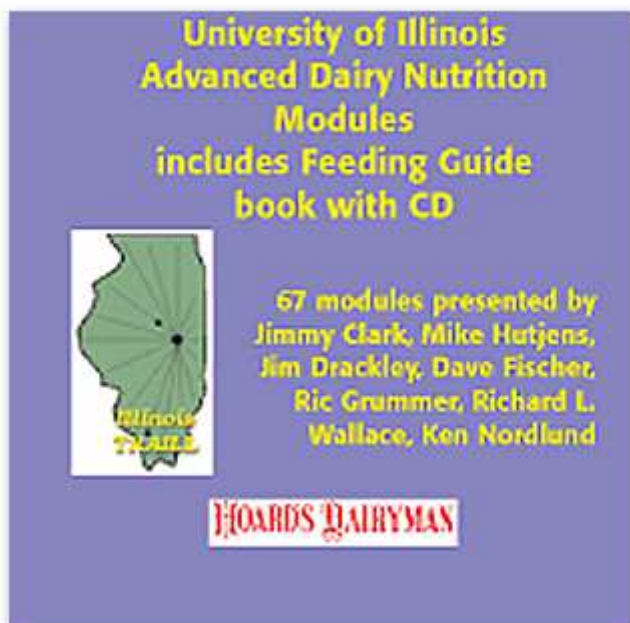


### **Successful Feeding Systems for Dairy**

**\$40 incl GST + Postage** (prices are subject to change)

Focus is all types of feeding systems, their practicality for different herd sizes and economics, from grain feeding to TMRs; also feed storage, feed bunk management. 56 pages

- Chapter 1 Feeding systems and cow factors;
- Chapter 2 Component grain feeding systems
- Chapter 3 Electronic computer controlled feeders.
- Chapter 4 Total Mixed Rations
- Chapter 5 TMR feeding systems and equipment
- Chapter 6 Feed storage
- Chapter 7 Feed bunk management with TMR
- Chapter 8 TMRs for growing heifers
- Chapter 9 Pasture based feeding systems
- Chapter 10 Water as part of the ration
- Chapter 11 Building rations



### **University of Illinois Dairy Nutrition CD & Feeding Guide Book**

**\$TBA incl GST + Postage** (prices are subject to change)

Dairy Nutrition CD from the Univ. of Illinois online course. Price includes CD and 2008 Hoard's Feeding Guide book.

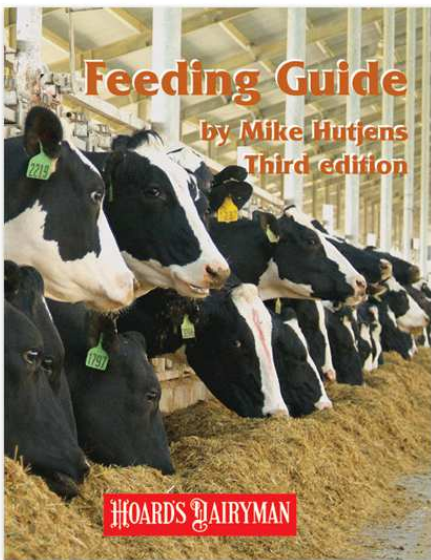
PCs. Previous students have included feed nutritionists, veterinarians, students and owner/operators of private dairy farms. Modules are 10 to 15 minutes in length, and users can go on to register for the online class and credit, if desired. The CD includes 67 modules totaling almost 14 hours on ration formulation; energy and protein considerations; transition feeding and health; minerals, vitamins and additives; feeding forages; phase feeding; feeding systems. Just added is material on rumensin and feed efficiency.





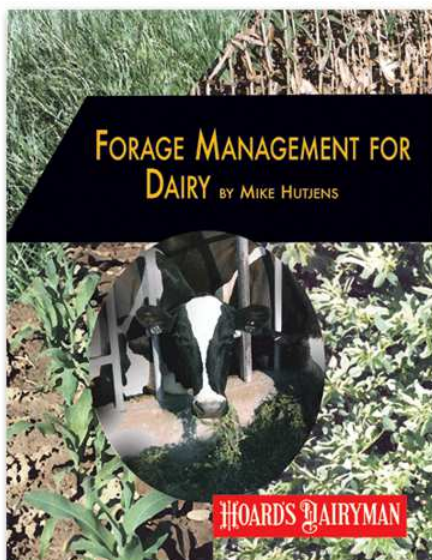
**Directory of Feeds and Feed Ingredients**  
**\$40 incl GST + Postage** (*prices are subject to change*)

Revised and expanded, over 150 feeds, with feeding guidelines and composition for as-fed/dry matter basis. A real help when purchasing feed. Index. 95 pages. Third edition



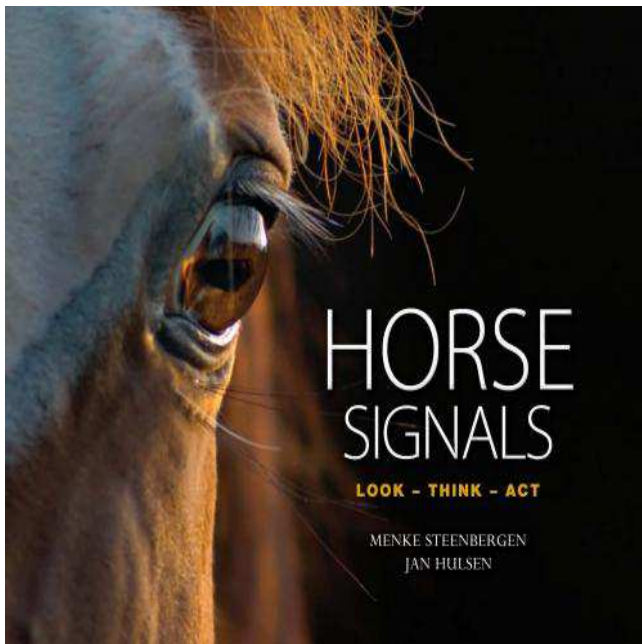
**Feeding Guide Book**  
**\$60 incl GST + Postage** (*prices are subject to change*)

Dairy cow physiology; optimizing dry matter intake; feeding and the gestation/lactation cycle; ration formulation; purchasing and valuing feed; special feeding challenges;



**Forage Management for Dairy**  
**\$50 incl GST + Postage** (*prices are subject to change*)

Forage is the backbone of the dairy ration: sections include feeding strategies to maximize value while saving costs; Forage test values are crucial – make them meaningful; Managing risks and weather challenges to optimize quality; Storage strategies; Forage delivery – cut waste and shrink.



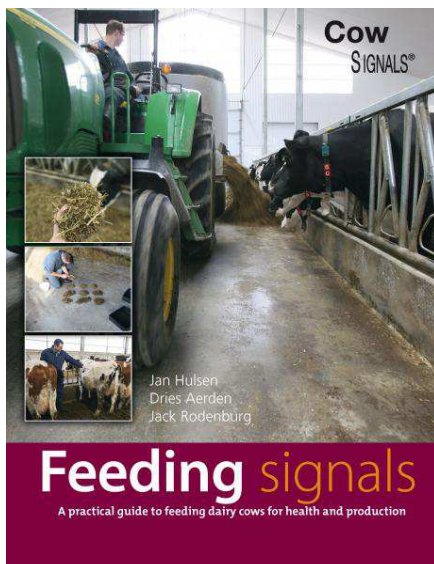
## Horse Signals - English edition

**\$110 incl GST + Postage** (prices are subject to change)

### Look, think, act

*Horses send out useful information every moment of the day. Are you receiving it?*

Horses send out signals continuously about their health, well-being, nutrition and behaviour. The challenge for every horse owner and horse lover is how to interpret these signals and use them. Dutch vets and horse owners and lovers Menke Steenberg and Jan Hulsen have drawn on their expertise and wide experience of horse owners and lovers to write **Horse Signals**: a richly illustrated guide on how to interpret the behaviour, posture and physical characteristics of individual animals and groups. When observing horses it is important not to jump to conclusions immediately, but instead always to ask yourself three questions: What do I see? Why has this happened? What does this mean?

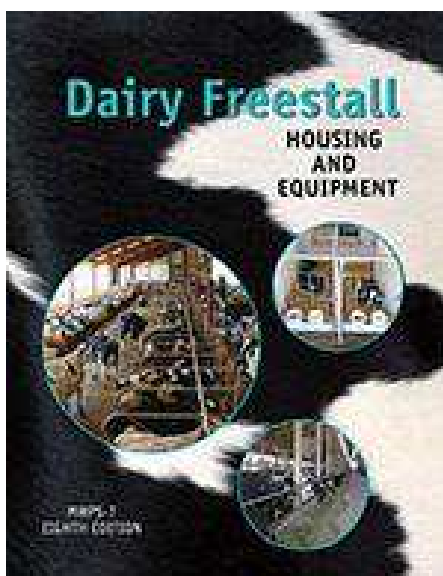


## Feeding Signals

**\$110 incl GST + Postage** (prices are subject to change)

### A practical guide to optimal feeding management and production

Feeding perfect rations is only possible when you understand feed analysis, the properties of the feed, the way a cow works and her milk production. From mouth to rumens and intestines, **Feeding Signals** shows you the cow's feed requirements and ensures her daily rations.

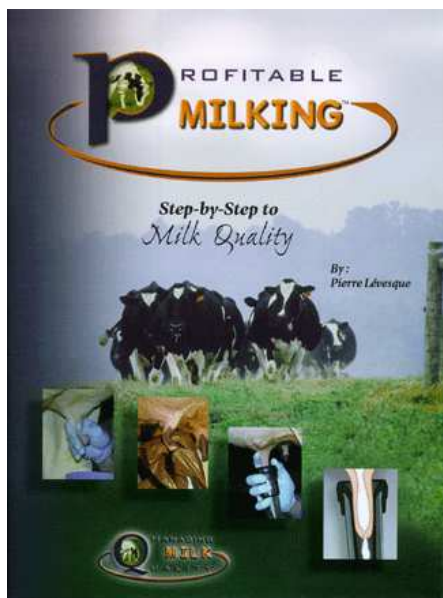


## Dairy Free Stall Housing & Equipment

**\$90 incl GST + Postage** (prices are subject to change)

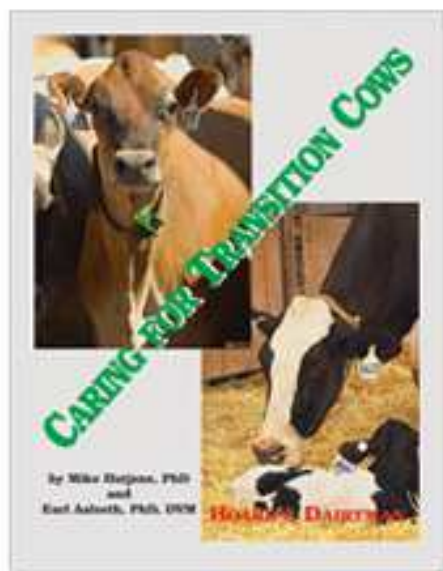
From the planning and development process to various housing options, this book contains tables, charts, figures and measurements to customize your dairy housing needs. Edition updates include: increased freestall dimensions; freestall housing; heifer facilities; milking parlors and equipment; ventilation systems; feed storage and distribution and more. 232 pages  
8th Edition





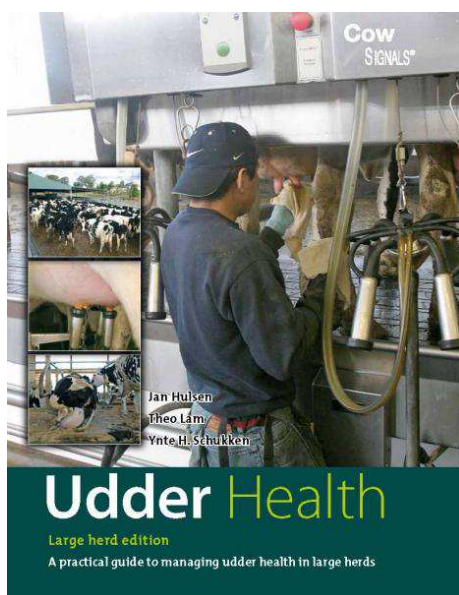
**Profitable Milking**  
**\$60 incl GST + Postage** (prices are subject to change)

Profitable Milking: Step-by-Step to Milk Quality. Establish a milking routine that everyone follows for greatest efficiency and profitability. The most complete and up-to-date information on milking management. Use as a reference and as a training tool. 56 pages



**Caring for Transition Cows**  
**\$60 incl GST + Postage** (prices are subject to change)

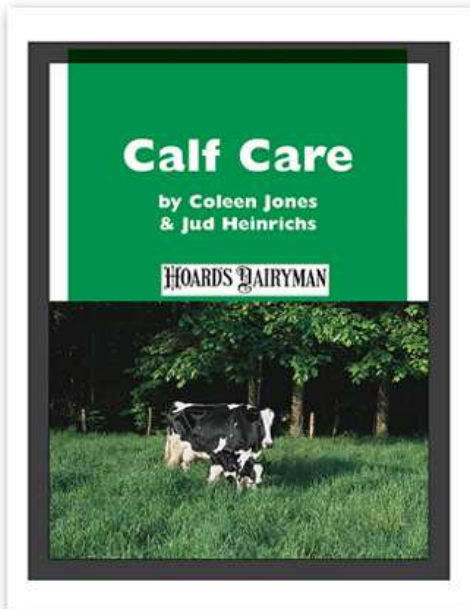
by Mike Hutjens & Earl Aalseth, DVM.  
 Get cows off on the right start – every effort and dollar spent on transition cow well-being pays off in the following lactation. Managing far-off, close-up cows and springing heifers; Transition cow disorders; Management tools. 64 pages



**Udder Health, Large herd Edition**  
**\$100 incl GST + Postage** (prices are subject to change)

A practical guide to manage udder health in large herds

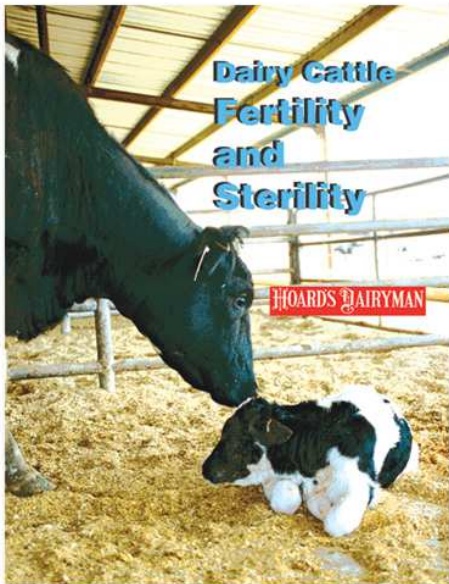
Relatively larger herds require a more standardised approach for udder healthmanagement. This book digs deeper into the subject than the basic edition. More attention is paid to standard operating procedures, since the farmer often works with personnel. And extra pages about immunology of the udder are added.



### **Calf Care**

**\$75 incl GST + Postage (prices are subject to change)**

**CALVING:** Maintain the maternity area, Events of a normal calving, Difficult and abnormal births, Examining the cow, Scoring calving difficulty, Abnormal birth positions, Assisting delivery, Twins not a bonus, Care of the newborn calf, Dip the navel of every calf, Don't put off weighing and identification, Give vaccinations and check calf health  
**FEEDING:** Pre-ruminant digestion, Rumen development, Wait to feed hay, Nutrient requirements, Recommended feeding amount, Calf feeding systems, Liquid feed options and economics, All milk replacers are not created equally, Accelerated growth replacers, Additives can prevent disease, Common milk replacer protein sources, Prebiotics, Evaluating milk replacer quality, Mixing milk replacer, Feeding whole milk, Feeding excess colostrum or transition milk  
 Also Handling & Housing and Health.



### **Dairy Cattle Fertility and Sterility**

**\$75 incl GST + Postage (prices are subject to change)**

Genetic factors, diseases of reproduction, embryo losses, breeding heifers, pregnancy diagnosis, synch strategies, nutrition and fine-tuning your reproductive program. All this and more in addition to description of anatomy and explanation of the basic reproductive processes. This new edition was produced in cooperation with the Dairy Cattle Reproduction Council (DCRC), and is updated and revised throughout based on the 2006 DCRC conference proceedings, featuring the industry's top experts in cattle reproduction