



# The *Bovine* PRACTITIONER

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AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

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**Dr. Harold E. Amstutz**  
Retiring AABP Executive Vice President

## 26th ANNUAL CONFERENCE

American Association of Bovine Practitioners

Albuquerque, New Mexico

September 16-19, 1993

## Make your first treatment strong enough to overpower shipping fever.



**Jim Van Buren, D.V.M.**  
Technical  
Services Consultant  
The Upjohn Company

The shipping fever complex (including pneumonia and bovine respiratory disease) is a widespread problem caused by a combination of bacteria, viral agents and stress. If not overpowered with proper treatment early, it can lead to relapses or chronics that can be even more costly in terms of drugs, labor and reduced feedlot performance.

### Get wide-spectrum stopping power.

The shipping fever complex can be caused by one or more bacteria, including: *Pasteurella haemolytica*, *Pasteurella multocida* and *Haemophilus somnus*. An effective antibiotic must control all of them to head off this costly disease complex.

One antibiotic that's proven effective against the full range of these bacteria is NAXCEL® Sterile Powder (ceftiofur sodium). NAXCEL is a new generation cephalosporin that provides powerful, wide-spectrum effectiveness with no record of resistance.

### A record of no resistance.

Some strains of *P. haemolytica* and *P. multocida* have shown reduced susceptibility to traditional as well as

newer antibiotics. Yet continuous monitoring has shown no evidence of resistance to NAXCEL. In fact, more than 1,000 isolates have been tested without a single report of resistance.

A recent *in vitro* study gives examples of resistance to several antibiotics in comparison to NAXCEL. The study included 156 isolates of *P. haemolytica* and *P. multocida* collected during the 1990-91 pneumonia season from across the country.

### Resistance of *P. haemolytica* and *P. multocida* isolates to comparable antibiotics.\*

Antibiotic	<i>P. haemolytica</i> % Resistance	<i>P. multocida</i> % Resistance
Ampicillin	54.1	12.7
Ceftiofur sodium (NAXCEL)	0.0	0.0
Erythromycin	100.0	92.9
Sulfamethazine	89.4	77.5
Tetracycline	51.8	36.7
Tilmicosin	9.5	22.4

Note that in addition to the resistance shown for traditional antibiotics, resistance to tilmicosin (a newer antibiotic) was also demonstrated.

\*Data available upon request.

### Profit from cost-effective control.

Getting cattle healthy and back on feed sooner is always more cost effective than re-treating chronics or relapsed cattle. Wide-spectrum effectiveness with lack of resistance make NAXCEL a wise first choice for cost-effective treatment. Using NAXCEL is also more economical than combining two or more antibiotics.

### Make safe, effective therapy your first choice.

NAXCEL has also demonstrated powerful results with less stress on sick animals. Its low dosage (as little as 1 mL per 100 pounds of body weight) means there's no need for multiple injection sites that are required by larger doses of other treatments.

What's more, slaughter checks have shown no tissue irritation with NAXCEL. That's an important advantage in meeting today's demand for quality beef.

There's also no pre-slaughter withdrawal period to interfere with cattle marketing plans when NAXCEL is used according to label directions.

NAXCEL has what it takes to meet today's stringent food safety guidelines while effectively treating shipping fever. By controlling a full range of bacteria, NAXCEL gives cattle a healthy chance of overcoming infections and poor performance. And all these qualities continue to make NAXCEL the first-choice solution for shipping fever.

See our advertisement on page 60.

**Upjohn**

**Your Solution Source<sup>SM</sup>**

The Upjohn Company, Animal Health Division  
Kalamazoo, MI 49001



# The Bovine PRACTITIONER

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September, 1993

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**Editorial Board**

At the Annual General Meeting on Dec. 10, 1976, AABP members approved the appointment of an editorial board for this journal. Members of the board are Dr. Leland Allenstein, Dr. Harold E. Amstutz, and the editor, Dr. Eric I. Williams. The journal is thus an official, refereed publication.

By agreement between the Board of Directors, American Association of Bovine Practitioners and the World Association of Buiatrics, this journal will serve as a communication medium between Bovine Practitioners Associations across the world. Papers related to bovine practice will be accepted from overseas correspondents. Notices and brief reports of national conventions on cattle disease will be accepted for publication. All communications must be presented in English and sent to the editor BEFORE June 1.

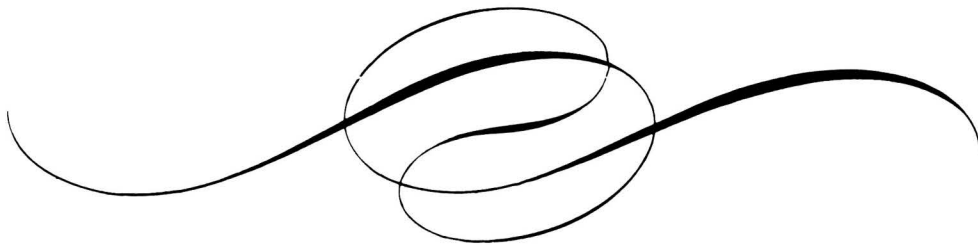
Copies of the Bovine Practitioner are available to non-members for \$20.00 per copy, surface mail, or \$28.00 airmail (overseas).

*Editor's Note: This journal was not published in 1992.*

# TABLE OF CONTENTS

Applied Epidemiology in Feedlot Practices — <i>M. D. Salman, L. L. Hungerford</i> .....	4
Advances in Bovine Digital Diseases — <i>A. David Weaver</i> .....	23
Symposium on Bovine Digital Problems — <i>A. David Weaver</i> .....	28
Bovine Digital Dermatitis — <i>A. Brizzi</i> .....	33
An Instrument for Collection and Transfer of Ruminant Fluid and for Administration of Water Soluble Drugs in Adult Cattle — <i>Thomas Geishauser</i> .....	38
Surgical Correction of Left Displaced Abomasum — <i>R. Bückner</i> .....	43
Evaluation of an Air-Powered Vaccine Delivery System — <i>Alvin J. Edwards, G.L. Stokka</i> .....	47
Survey Results of the Occurrence of a Seasonal Teat Lesion Syndrome in Dairy Cows in Wisconsin — <i>Karen A. Moriello, Kay Nelson,</i> <i>Geoffery Letchworth, Chester Thomas</i> .....	50
Dairy Reproduction Beyond Palpation — <i>John W. Ferry</i> .....	58
Tools to Improve Reproductive Performance of Dairy Cattle — <i>Jerry D. Olson</i> .....	61
Dry Cow / Fresh Cow Feeding for Better Breeding — <i>Charles T. Estill</i> ...	64
Future Foods, Fats and Fads — <i>David H. Hettinga</i> .....	68
Some Critical Farm Management Concepts — <i>Michael Boehlje</i> .....	75
Financial Aspects of Production Medicine Consulting — <i>John W. Ferry</i> ..	80
A Form to Develop Goals for Dairy Production Medicine Programs — <i>Ken Nordlund</i> .....	82
Herd Health Monitoring and Records Analysis — <i>John Fetrow</i> .....	88
Mechanisms of Insecticide Resistance — <i>Ronnie L. Byford</i> .....	102
Determination of Enzyme Activity, Proteinuria and Creatininuria in Bovine Urine — <i>D. Proverbio, A. Belloki, G. Greppi, G. Vacirca,</i> <i>V. Grieco</i> .....	108
Megatrends Affecting the U.S. Dairy Industry — <i>Andrew M. Novakovic</i> ...	111
Characteristics of Business - Farms and Veterinary Practices - Succeeding in the Next Decade — <i>Robert A. Milligan</i> .....	120
Planning for Expansion and Growth of Our Dairy Enterprise to Compete in the 21st Century — <i>Dean Doornink</i> .....	122
Goal Setting and Achievement — <i>Robert A. Milligan</i> .....	130
Ethical Marketing of Veterinary Pharmaceuticals — <i>G. L. Upham</i> .....	132
Management Factors Affecting Antibiotic Residues and the Establishment of Antibiotic Resistance in Dairy Calves — <i>William J. Goodger, Fred Troutt, Linda Wallace,</i> <i>Camille Williams</i> .....	135
Some Characteristics of Twin Births in a Holstein Herd — <i>C. J. Callahan, L. A. Horstman</i> .....	141
Production of Bovine Calves Following Separation of X- and Y- Chromosome Bearing Sperm and <i>In Vitro</i> Fertilization — <i>D. G. Cran, D. Cochrane, C. Polge, L. A. Johnson,</i> <i>N. G. A. Miller</i> .....	143
Integrated Herd Health Programs in the Dairy Herd - The Israeli Experience — <i>Oded Markusfeld</i> .....	145
Another Look at Dairy Economics and Production Medicine — <i>A. J. Kunkel</i> .....	151
What is DCAB (Dietary Cation-Anion Balance) and What is the Potential for Use in Dry and Lactating Rations? — <i>David L. Byers</i>	154

Somatic Cell Counts - Do's and Don'ts — <i>John H. Kirk</i> .....	159
Treatment of Postpartum Metritis in Dairy Cows Caused by <i>Actinomyces Pyogenes</i> — <i>C. J. Callahan, L.A. Horstman</i> .....	162
Salmonella Viability in Frozen Bovine Feces — <i>Ed. K. Daniels,</i> <i>Neal E. Woollen, Sandra J. Fryda-Bradley, Jim Keen</i> .....	166
Beef Cattle Salmonellosis: A Study of Oral <i>S. typhimurium</i> and Topical Inoculations — <i>Ed. K. Daniels, Neal E. Woollen,</i> <i>James S. Dickson, E. Travis Littlelike</i> .....	168
Hepatic Abscessation in a Holstein Cow — <i>Lawrence W. Cahill</i> .....	171
A Review of Methods Used in the Prevention of Milk Fever in Dairy Cows — <i>Michael Coe</i> .....	177
Hydropic Conditions of the Bovine Uterus — <i>Erin Troy</i> .....	183
Brucellosis in Bison: Past and Present — <i>Barry K. Hartup</i> .....	185
Problem Identification in a Dairy Herd — <i>Raanan Ariva,</i> <i>Dan Damman, Kevin Johnson, Jennifer Reha</i> .....	187
Problem Identification in a Dairy Herd — <i>Mike Maroney,</i> <i>Fay Hillery, Jeff Hookstead</i> .....	190
Practice Tips .....	194
Twenty-Sixth Annual Conference .....	i
1993 AABP Conference Exhibitors .....	x
Albuquerque: The "Duke City" .....	xiv
AABP Officers .....	xvii
A Message From the President .....	xviii
President-Elect and Vice President .....	xix
New AABP Executive Vice President .....	xx
A Salute to Harold .....	xxii
1992 Convention of the Year and Future Meetings .....	xxviii
XXV World Veterinary Assoc. Congress and XX World Small Animal Veterinary Congress .....	xxix



## Advertisers' Index

Hoechst-Roussel Agri-Vet Company .....	Back Cover, 87
Merck & Co., Inc. ....	Inside Back Cover
Sanofi Animal Health, Inc. ....	176
Schering-Plough Animal Health .....	55, 57
The Upjohn Company .....	Inside Front Cover, 60