

American Association of Bovine Practitioners

INDEX OF PUBLICATIONS

The Bovine Practitioner 1980 - 1984

Proceedings of Annual Meetings 1980 - 1984

American Association of Bovine Practitioners Publications

The Bovine Practitioner was first published in January, 1967. The next issues were published in January, 1968, January, 1969 and in October, 1969. In 1970 the journal was published in June, prior to the 16th International Congress on Cattle Diseases in Philadelphia (August 16-20).

The next issue was published in November, 1971. All succeeding issues have been published in November each year.

Proceedings of the Annual Meetings Publications

The Proceedings of the AABP Annual Meetings were published as a separate publication for the first time in December 1971. Previously, reports of the

annual meetings were published in special Bovine issues of the Journal, American Veterinary Medical Association.

The Index of authors of papers in *The Bovine* Practitioner (1969-1979) and *The Proceedings of Annual Meetings* (1973-1979) was published in 1979.

Guide to the Index: 1-2 means No. 1, page 2.

The Index of the AABP Publications is published by the American Association of Bovine Practitioners at Frontier Printers, 205 W. 9th, Stillwater, Oklahoma 74074. All AABP members are entitled to a free copy. Others may purchase copies at \$3.00 per copy, including mail. from Dr. Harold E. Amstutz, Executive Secretary-Treasurer, AABP, P. O. Box 2319, W. Lafayette, Indiana 47906 or the Editor, Dr. Eric I. Williams, 1226 N. Lincoln, Stillwater, Oklahoma 74075.

The Bovine Practitioner

(1980-1984)

ISSN 0524-1685

INDEX OF AUTHORS in alphabetical order

Aamodt, O., 18-248 (abstract) Adler, H., 19-219 Al-Ani, F.K., 18-13 Allen, E.M., 18-245 Allenstein, Leland C., 15-63 Ames, N. Kent, 18-240 Amstutz, Harold E., 15-51, 16-106, 17-52, 17-56, 18-79, 18-82 18-203, 19-38, 19-45, 19-213 Anderson, John F., 19-4, 19-22, 19-26 Anderson, P.H., 18-30 Andrews, A.H., 15-115, 15-194, 16-164, 17-168, 18-41, 18-119 Andrews, Anthony H., 19-236 Appleman, Robert D., 17-4 Archbald, L.F., 17-126 Arkins, S., 18-227 Armstrong, C.H., 17-52 Armstrong, D.A., 17-126, 18-214 Arnault, G.A., 18-236 Atherton, Henry V., 19-130 Avidar, Y., 16-85

В Baird, G.D., 17-147 Ball, Les, 19-116 Bar, A., 15-67 Bargai, U., 18-247 Barr, Harry L., 17-32 Bashandy, Ehsan Y., 17-16 Bates, Donald W., 19-4, 19-22, 19-26 Baxter, Gary M., 19-41 Bazeley, Katrine J., 18-95 Benthe, H.F., 18-169 Berrie, E., 19-146 Beseda, I., 17-146 Betteridge, K.J., 15-4 Bierchwal, C.J., 18-184 Blackmer, Paul, 19-108 Blood, D. C., 17-155 Boda, K., 17-146 Bohlender, R.E., 18-84 Bostwick, J.L., 15-34 Bond, James, 17-137 Bonham, J.B., 18-58 Boyer, Fred E., 18-25 Braddy, P.M., 15-81, 15-84 Bradley, R., 18-30 Brauer, M.A., 19-208 Breeze, R.G., 15-96, 16-22, 16-40 Bretzlaff, K. N., 18-104 Breukink, H.J., 15-139, 17-150 Brodie, B.O., 15-25, 16-69 Buck, William B., 15-159

Buening, Gerald M., 18-174 Buisch, W.W., 15-162 Burgess, M., 18-243 Burrows, G.E., 15-99, 15-103, 18-188 Bushnell, Robert B., 19-134 Bustad, Leo K., 17-163 Buxton, D., 19-146 Byford, Ronnie L., 15-91, 17-123 Bywater, R.J., 18-247 (abstract)

Cain, Donald V. Jr., 18-34 Callis, J.J., 15-164, 15-170 Carlson, J.H., 15-81, 15-84 Carlson, J.R., 16-40 Castro, Anthony E., 16-87, 16-130, 17-66, 18-179, 19-61, 19-87 Chickering, W.R., 18-195 Clay, Billy R., 15-157 Cloud, Harold A., 17-4 Cmarik, G.F., 18-104 Cockrill, W. Ross, 16-145 Cole, D., 18-147, 19-42 Collick, D.W., 18-235 Confer, Anthony W., 18-174 Coppock, R.W., 15-146 Corley, Lane, 19-101 Cornelisse, J.L., 18-225 Corwin, R.M., 19-208 Cote, J.F., 15-8 Crandell, R.A., 17-56, 19-38

Curtis, R.A., 15-8, 18-228

D

Darlington, Robert L., 19-144, 19-Daniel, R.C.W., 18-247 (abstract) Davidson, Jeffery N., 16-54 Davidson, M., 16-85 Davis, Lon D., 16-79 Dawson, Lionel, 18-184, 19-103 DeMoor, A., 18-232 Dennis, S.M., 16-76 De Nooij, Peter P., 18-232 DeTray, D.E., 15-181 de Visser, Nicandra A.P.C., 18-125 Dewulf, M., 18-232 Digiacomo, Ronald F., 19-144 Dirksen, G., 17-75, 17-85, 18-152, Doering, Laura, 15-13 Dohoo, Ian R., 19-193 Doig, Paul, 19-116 Dorn, C.R., 18-58 Downing, M.M., 17-59

Drost, M., 18-247 (abstract) Dugdale, D.T., 18-54 Duhamel, G.E., 19-71 Dzuba, Lynne M., 18-209

Ε

Easley, K.J., 18-195 Eddy, R.G., 18-247 (abstract) Edwards, Alvin J., 16-12, 19-148 Edwards, Lee, 16-114 Edwards, W.C., 15-146, 15-150, 15-152, 15-155, 15-157, 15-161, 19-Edwin, E.E., 17-143 Ellis, P.R., 18-248 (abstract) Espe, Brian H., 18-174 Esslemont, R.J., 18-248 (abstract) Evans, Gary R., 15-129 Evermann, James F., 17-36, 18-45, 19-144 Ewing, S.A., 19-105

Fanelli, H.H., 18-51 Farnsworth, R.J., 16-28 Finlayson, J., 19-146 Flores, E.P., 18-222 Francis, P.G., 16-24 Franco, O.J., 18-247 (abstract) Francos, G., 16-85 Franti, Charles, 15-13 Frey, Merwin L., 18-73 Fulton, Robert W., 17-9, 17-63

Galton, David M., 19-139 Gay, Clive, 16-22 Gelatt, K.N., 17-115 Gibbs, H.A., 18-245 Gordon, S., 16-85 Graf, R., 16-39 Graff, F., 17-145 Grootenhuis, G., 16-37 Grymer, J., 17-80 Guerkink, J.H., 18-247 (abstract) Guerra, M.R., 18-247 (abstract) Gustafson, Robert J., 17-4

Habasha, G.G., 18-247 (abstract) Hagstad, H.V., 17-59 Hair, Jakie, A., 15-1, 17-123 Hammond, A.C., 16-40, 17-137, 18-Hand, Keith, A., 17-165

Hannan, J., 18-227 Hanson, Lyle, 19-116 Hartin, K.E., 18-146 (abstract) Harvey, Terence, 16-9 Hassan, A.A., 18-247 (abstract) Hayes, F.A., 15-174 Heider, L.E., 15-45, 17-16, 17-32, 18-7 Hewett, G.R., 18-243 Hoffsis, G.F., 18-58 Hojbjerg, Aage, 18-68 Horstman, L.A., 16-106 Horton, D.P., 15-81, 15-84 Horton, John, 15-13 Howard, Jimmy L., 16-44 Hull, Bruce L., 17-72 Hurwitz, S., 15-67

J

Huston, K., 17-115

Jackman, R., 17-143 Janzen, E.D., 15-87 Jarrett, James, 19-108 Jasper, D.E., 15-39 Jensen, Farrell E., 19-182 Jensen, R., 15-81 Jochle, Wolfgang, 16-65 Johnson, C.L., 18-247 (abstract) Johnson, Darrell, 19-108 Johnson, D.W., 16-28 Johnson, J.L., 18-147 Johnsson, S., 17-152 Johnston, L.A.Y., 19-60 (abstract) Jones, Robert H., 19-79 Jonsson, G., 17-152 Jortner, B.S., 18-195 Joyce, D.A., 16-24

K

Kainer, Robert A., 15-73
Kassebaum, Linda, 18-212
Kazacos, Kevin R., 19-213
Kemp, A., 18-247 (abstract)
Kendrick, John W., 15-13
Kerr, O.M., 19-146
Kiorpes, Anthony L., 17-91
Kirk, John H., 17-20, 18-98
Klee, W., 18-18
Kocan, Katherine M., 17-123, 19-104
Kraublich, H., 17-145
Kuhl, Gerry L., 19-155
Kuiper, R., 15-139
Kunkel, J.R., 18-54

L

Lane, V. Michael, 18-45 Laudert, Scott B., 19-148 Lauerman, L.H., 15-81, 15-96 Leatch, G., 19-60 Leder, Robert R., 18-45 Leipold, H.W., 16-77, 17-101, 17-115, 18-13, 18-129, 18-133, 18-147, 19-92 Leverett, Gene, 18-150 Liendo, Guillermo, 16-87 Little, P.B., 18-243 Lock, T.F., 15-25, 16-69 Loyacano, A., 17-126 Luedke, Albert J., 15-188, 16-96, 19-79

M

Maas, J., 18-45 Magnusson, R.A., 18-195 Magonigle, R.A., 15-96 Main, R. James, 16-80 Malestein, A., 18-247 (abstract) Malone, J.B., 17-126 Manning, Jane, 17-94 Mansfield, M.E., 15-25, 16-69 Manspeaker, Joe, 19-116 Mare', C. John, 15-177, 15-179, 15-186 Markusfeld, O., 19-146, 19-219 Marold, W., 18-233 Marsh, Patty, 17-94 Marshall, A.B., 18-243 Marshall, Frank, 17-94 Martin, S.W., 15-8 Martin, W.B., 18-224 McCaughey, W.J., 19-146 McCorkell, Rob, 17-94 McCoy, C.P., 15-152 McGuire-Rodgers, S.J., 16-130, 17-66, 18-179 Mckercher, P.D., 15-170, 17-134 McManus, R.F., 15-87 Mebus, C.A., 17-134 Meiring, Richard W., 17-26 Meldrum, J.B., 18-195 Memon, M.A., 15-25, 16-69, 18-218 Metcalf, Hugh E., 15-188 Miller, David B., 15-51 Miller, Harold V., 15-13 Miller, L.D., 16-130 Miller, R.B., 17-39 Miller, Rick, 19-116 Moore, Arthur V., 19-180 Mora, Juan Jesus, 17-32 Morrow, David, 16-80, 16-114 Morter, R.L., 16-106, 17-52, 17-56, 18-79, 18-82, 19-38, 19-45, 19-213 Murphy, W.M., 18-54 Muzyka, Barb, 17-94

N

Naess, B., 18-248 (abstract) Nagel, Dennis, 17-94 Nahair, N., 19-219 Nelson, Dale R., 18-218 Nicholson, S.S., 17-59 Nicolet, J., 16-17 Nicoletti, Paul, 15-111 Nocerini, M.R., 16-40

0

Ojo, S.A., 17-115 Olson, Mark R., 17-99 Olson, William G., 19-125, 19-126, 19-127, 19-129 Osburn, B.I., 19-71 Ott, R.S., 15-25, 16-69, 18-104

Palmer, A.C., 18-215 Palmer, G.H., 18-243, 18-247 (abstract) Park, Robert L., 19-182 Pearson, Nancy J., 17-59 Pehrson, B., 17-152 Peterse, D.J., 18-225 Philip, Cornelius B., 18-201 Phillips, Robert W., 16-79, 18-247 (abstract) Pierson, R.E., 15-73, 15-81 Pinsent, P.J.N., 16-61, 18-165 Pirie, H.M., 18-245-19-66 Potchoiba, M.J., 16-40 Potter, Marylou, 17-59 Pow, I., 19-146 Putnam, M.R., 19-204

R

Raven, E. Toussaint, 18-225 Rayssiguier, Y., 17-151 Reid, H.W., 19-146 Reid, I.M., 17-149, 18-219, 18-221 Richey, E.J., 16-134 Riner, J.L., 15-91, 17-123 Ring, William, 19-198 Rodgers, Sandra J., 19-87 Rogers, D., 18-54 Roof, James, 19-198 Roussel, A.J., 19-45 Rowlands, G.J., 18-221 Rush, Ivan G., 18-111

S

Sachs, M., 15-67 Sandals, W.C.D., 15-8 Sandvik, O., 18-248 (abstract) Sangiah, Subbiah, 19-216 Schalles, R., 19-92 Scheidy, Samuel F., 16-4 Schels, H., 18-18 Schingoethe, D.J., 18-229 Schmitz, J.A., 15-96 Schnackel, John A., 19-33 Schuyt, G., 18-247 (abstract) Searl, Richard C., 17-122 Sears, Philip M., 18-4 Seger, Cameron L., 17-63 Selman, I.E., 18-245 Shille, V.M., 18-247 (abstract) Sigmund, Von H.M., 18-18 Simons, John C., 18-107 Sing, N.C., 19-60 (abstract) Smith, B.P., 18-247 (abstract) Smith, Donald F., 19-230 Smith, Robert A., 18-174 Sorensen, D.K., 16-28 Spire, Mark F., 16-101 Springer, W.T., 17-59 Stables, James W., 15-26 Stanton, A., 18-247 (abstract) Stephens, A.J., 18-248 (abstract) Sterner, K.E., 17-80 Stevens, J.B., 19-126 Stober, M., 16-119, 18-152, 19-49 Storper, M., 16-17 Storz, J., 16-71 Strasia, C.A., 18-147 Stroud, Ben, 17-137 Stuart, L.D., 18-129, 18-133 Sturm, R.R., 15-45

Sumner, J., 16-24 Surborg, H., 19-227

T

Tenhumberg, H., 17-145
Tharp, Vernon L., 16-58
Thatcher, M.J., 18-247 (abstract)
Thatcher, W.W., 18-247 (abstract)
Thomas, J.W., 16-80
Tillman, Allen D., 16-154
Trim, Cynthia M., 16-137
Troutt, H. Fred, 18-205
Tyrl, R.J., 18-188

V

Val'ka, J., 17-146 van Buekelen, P., 17-150 van der Velden, M.A., 18-216 van Nieuwstadt, 18-246 (abstract) Van 't Klooster, A., 18-247 (abstract) Veit, H.P., 18-195 Verhoeff, J., 18-246 (abstract) Vestweber, J.G.E., 16-76, 18-13 Voros, K., 18-217

W

Wagner, Don, 19-151, 19-191

Walton, T.E., 16-96 Wanner, M., 16-17 Ward, Gil E., 15-144 Watt, B., 16-76 Watt, N.J., 18-245 Weaver, A.D., 18-241, 19-223 Weaver, Leon D., 15-133 Weissmuller, A., 18-169 Wensing, Th., 17-150 West, B., 18-243 Whiteman, C.E., 16-71 Whittier, W.D., 18-195 Weidemann, Bernard, 15-150 Wilesmith, J.W., 18-30 Williams, Bernard M., 15-122 Williams, Eric I., 18-248 (abstract) Wilson, Terry M., 19-198 Wiltbank, J.N., 19-160, 19-164 Winn, Robert, 19-116 Winter, Janet L., 18-211 Wiseman, A., 18-245

Z

Zdrojewski, Juliane, 16-54 Zinn, L.L., 15-146 Ziv, G., 16-17, 16-30 Zygraich, N., 16-109

The Bovine Practitioner

INDEX OF SUBJECTS

in alphabetical order

(1980-1984)

Α

ABOMASUM

Left Abomasal Displacement in Calves, 17-75 Closed Suturing Techniques Using a Bar-Suture for Correction of Left Displaced Abomasum, 17-80 Fiber II — Displaced Abomasum as a Herd Problem, 19-126

ABORTION

Bovine Chlamydial Abortions, 16-71 Advances in the Diagnosis of Infectious Bovine Abortion, 17-36

AGRICULTURE

Animal Agriculture in Indonesia, 16-154

ANAPLASMOSIS

Management of Anaplasmosis in Beef Cattle, 16-137

Anaplasmosis Treatment and Control, 17-122 Effects of a Sustained-Release Oxytetracycline Bolus for Anaplasmosis Carriers, 17-123

Anaplasmosis in Beef Cattle: A Practitioner's Approach to Diagnosis and Control, 19-101

A Review of Development of Colonies of Anaplasma marginale in the Gut of Dermacentor andersoni, 19-104

ANESTHESIA

Sedation and General Anesthesia in Ruminants, 16-137

ANIMAL WELFARE

Animal Welfare: What are the Concerns of the Bovine Practitioner?, 18-205

ANTIBACTERIALS

Therapeutic Considerations in the Use of Antibacterials, 15-99

Systemic Antibacterial Drug Selection and Dosage, 15-103

ANTIBIOTICS

The Influence of Milk Replacer/Water or an Oral Fluid Replacer on the Absorption of Antibiotics in Preruminant Calves, 18-247 (abstract)

В

BACTERIA

Clinical Evaluation of the Efficacy of Haemophilus somnus and Pasteurella sp. Bacterins, 16-106
The Effect of Disinfectants on the Density of Coliforms in Sawdust Bedding, 17-16

BACTERIN

Clinical Evaluation of the Efficacy of Haemophilus somnus and Pasteurella sp. Bacterins, 16-106

Evaluating the Efficacy of a Haemophilus somnus Bacterin in a Controlled Field Trial, 18-82

BEEF CATTLE SELECTION

Beef Cattle Selection and Evolution, 18-150

BLUETONGUE

Bluetongue in Cattle: Diagnosis and Virus Isolation, 16-87

Effect of Natural Breeding of Heifers to a Bluetongue Virus Carrier Bull, 16-96

Bluetongue: Diagnosis and Significance in the Bovine Animal, 19-79

Congenital Anomalies in Cattle Associated with an Epizootic of Bluetongue Virus (Serotype II), 19-87

BOVINE PRACTICE

Decision Analysis in Bovine Practice, 19-193 Cattle Veterinarians Face the Future with Uncertainty, 19-236

BRITISH CATTLE VETERINARY ASSOCIATION

A Report on the 1980 Annual Conference, 15-194 Cattle Management and Disease, 16-164 Cattle Production and Medicine, 17-168 The Practical Approach, 18-119

BRUCELLOSIS

Comments on the Eradication of Bovine Brucellosis, 15-111

Antibody Responses of Heifers Vaccinated with Reduced Dosages of Brucella abortus Strain, 18-174

BVD

Current Knowledge of the BVD Syndrome of Cattle: Agent, Immune Response, Course and Spread, Control, 19-49

C

COCCIDIOSIS

Observations on "Nervous" Coccidiosis in Calves, 18-50

COLD STRESS

Clinical Cold Stress in Calves: Identification, Environmental Considerations, Treatment and Prevention, 19-22

COMPUTERS

Marketing a Computerized Dairy Herd Recording Service to Farmer Clients, 18-247 (abstract) The Design of Daisy, the Dairy Information Sys-

tem, 18-248 (abstract)

CONGENITAL

Congenital Defects of Current Concern and Interest in Cattle: A Review, 17-101

Ocular Anomalies of Incomplete Albino Hereford Cattle, 17-115

Bovine Progressive Degenerative Myeloencephalopathy ("Weaver") of Brown Swiss Cattle I: Epidemiology, 18-129

Bovine Progressive Degenerative Myeloencephalopathy ("Weaver") of Brown Swiss Cattle II: Clinical and Laboratory Findings, 18-133

Partial Albinism in Black Angus Cattle, 18-147 Oculocutaneous Hypopigmentation of Angus Cattle, 19-92

D

DENTITION

The Relationship of Age to First Molar Tooth Eruption in Bulls of the Red Coated Beef Breeds, 15-115

DERMATITIS

Udder-Thigh Dermatitis of Cattle: Epidemiological, Clinical and Bacteriological Investigations, 18-18

DIARRHEA

Intravenous High Potassium Therapy for Diarrheic Calves, 16-79

Rapid Diagnosis of Rotavirus by an Enzyme-Linked Immunosorbent Assay (ELISA) in an Outbreak of Neonatal Diarrhea in Dairy Calves, 17-66

Diarrhea and Hypoproteinemia in the Calf of a Mastitic Dam, 17-91

DIGESTIVE DISORDERS

Digestive Disorders Following Obstruction of Flow of Ingesta Through the Abomasum and Small Intestine, 15-139

DIGITAL DISEASE

Economic Importance of Digital Diseases in Cattle, 19-223

Aspects of Treatment of Severe Claw Diseases in a Large Animal Practice, 19-227

DISEASE

Information System for Vesicular Diseases, 16-70 Preventing an Exotic Disease Outbreak and Responding to Such Outbreaks, 17-165

Differential Diagnosis of Unusual Viral Diseases, 19-61

DISEASE, FOREIGN ANIMAL

The Threat of and Response to a Foreign Animal Disease Outbreak, 15-162

Foot and Mouth Disease in Cattle, 15-164

Dissemination of Foot and Mouth Disease Virus Through Animal Products, 15-170

Role of Wildlife in Exotic Diseases, 15-174

East Coast Fever, 15-177

Malignant Catarrhal Fever, 15-179

Rinderpest, 15-181

African Trypanosomiasis, 15-186

Bluetongue and Related Diseases, 15-188

Changing Patterns of Nutritional Myodegeneration (White Muscle Disease) in Cattle in Great Britain, 18-30

DOWNER SYNDROME

Prognosis in the Downer Cow Syndrome, 18-41

DRUGS

A sustained-release Oxytetracycline Bolus for ruminants, 15-91

Animal Drug Development and Consumer Protection: An Historical Review, 16-4

To Use or Not to Use — The Regulatory View Point, 16-9

Approved and Unapproved Drug Use in Dairy Cattle, 17-26

DYSTOCIA

The Role of the Bull in Dystocia, 15-26

Ε

ECONOMICS

Epidemiologic Investigation of Vesicular Stomatitis in a Dairy and Its Economic Impact, 18-45

EMBRYO

The Commemoration of the Fiftieth Anniversary of the First Recovery of a Bovine Embryo, 15-4 Financial Feasibility of Embryo Transfer, 19-182

ENDOMETRITIS

Endometritis of Dairy Cattle: Diagnosis, Treatment, and Fertility, 15-13

ENERGY

Energy for Cattle, 18-107

ENVIRONMENTAL

Clinical Cold Stress in Calves: Indentification, Environmental Considerations, Treatment and Prevention, 19-22

EXPERT WITNESS

Experiences as an Expert Witness for the Bovine Practitioner, 18-203

EYE

Investigations on the Ability of Cattle to Distinguish Colours, 16-39

Oculocutaneous Hypopigmentation of Angus Cattle, 19-92

F

FEEDING

The Possible Relationship Between Feeding, Fertility, and Blood Parameters of Milking Cows, 16-85

The Use of Yield Prediction in Planning Feeding Regiments for High Yielding Dairy Cows, 18-247 (abstract)

Supplementation Management for Growing and

Finishing Cattle, 19-155 Maximizing the Use of Wheat, 19-191

FEEDLOTS

Preventing Drug Problems in the Feedlot: A Guide for Managers and Veterinarians, 16-12

Antimicrobial Resistance of Strains of Pasteurella hemalytica Isolation from Feedlot Cattle, 17-52

Effect of Levamisole on Respiratory Disease in Feedlot Cattle, 18-79

Experimental Exposure of Feedlot Cattle to Infectious Bovine Rhinotracheitis Virus, 19-38

Prophylactic Administration of Hyperimmune Serum When Processing Feedlot Cattle, 19-45

Economic Evaluation of the Use of Feedlot Abortifacients, 19-148

Ionophore Comparisons for Feedlot Cattle, 19-151 Comparative Clinical Efficacy of Fenbendazole and Thiabendazole in Feedlot Heifers, 19-213

FIBROPAPILLOMA

Fibropapilloma of the Bovine Penis, 18-184

FOOD ANIMAL

Report on a Food Animal Case, 17-99

FOOT AND MOUTH DISEASE

Vaccination: A Review, 17-134

G

GASTROENTEROLOGY

Food Animal Gastroenterology Case, 18-211 Gastroenterology Case, 18-212

GASTRO-INTESTINAL TRACT

Differential Diagnosis of the Right Sided "Ping," 17-72

Diarrhea and Hypoproteinemia in the Calf of a Mastitic Dam, 17-91

Normal Intestinal Function in the Calf, 18-247 Bovine Gastrointestinal Surgery: Abomasal Volvulus Intestinal Surgery, 19-230

Н

HEALTH

World Animal Health Problems, 16-145 Herd Health Program, 18-84 Use of Milk Records in a Herd Health Programme, 18-95

HEALTH CARE SYSTEM

Environmental Design for a Total Animal Health Care System, 19-4

Medical Design for a Total Animal Health Care System, 19-26

HEMATOLOGY

The Possible Relationship Between Feeding, Fertility, and Blood Parameters of Milking Cows, 16-85

HERD MANAGEMENT

Calf Mortality, Heifer Replacement and Vaccines: TI/59 Programmable Calculator Programs to Estimate the Costs, 18-98

HEREDITARY

Bovine Progressive Degenerative Myeloencephalopathy ("Weaver") of Brown Swiss Cattle I: Epidemiology, 18-129

Bovine Progressive Degenerative Myeloencephalopathy ("Weaver") of Brown Swiss Cattle II: Clinical and Laboratory Findings, 18-133 Partial Albinism in Black Angus Cattle, 18-147

HOUSING

Environmental Impact of a System of Confinement, Housing and Animal Waste Utilization, 16-58

1

IMMUNIZATIONS

Bovine Immunizations, 16-101 Immunization of Calves Against Salmonellosis, 18-247 (abstract)

IMPLANTS

Field Study of the Effects of Zeranol, Implanted at the Time of Breeding, on Weight Gain and Pregnancy Rate of Beef Heifers, 18-104

INFECTIOUS DISEASES

Infectious Bovine Rhinotracheitis, Bovine Viral Diarrhea and Parainfluenza-3 Viral Antibodies in Louisiana Cattle, 17-63

Experimental Exposure of Feedlot Cattle to Infectious Bovine Rhinotracheitis Virus, 19-38

Current Knowledge of the BVD Syndrome of Cattle: Agent, Immune Response, Course and Spread, Control, 19-49

J

JOHNE'S DISEASE

A Bovine Practitioner Survey of Johne's Disease, 18-58

L

LAMENESS

Lameness in Cattle, 15-63

The Management and Husbandry Aspects of Foot Lameness in Dairy Cattle, 16-61

LEAD

Lead Poisoning in the Bovine Animal, 15-150 Acute Lead Poisoning in Beef Cattle: Insurance Liability Claims, Clinical, Pathologic, Toxicologic and Epidemiologic Findings, 19-198

LEGAL PROBLEMS

Salt Deficiency, Iodine Toxicity, and When You Say "It Must be the Feed" You May Have to Say It in Court, 19-129

LEUKEMIA/LEUKOSIS

The Clinical Picture of the Enzootic and Sporadic Forms of Bovine Leukosis, 16-119

Diagnosis of Clinical Leukosis in Cattle and its Correlation with Bovine Leukemia Virus Antigens Using the Agar Gel Immunodiffusion (AGID) Test, 16-130

Relationship of the Antigens of Bovine Leukemia Virus to Clinical Enzootic Bovine Leukosis in

Cattle, 18-179

Bovine Leukemia Virus Transmission by Dehorning in Dairy Heifers, 19-144

LIPOMOBILIZATION SYNDROME

Lipomobilization Syndrome (Fatty Degeneration Syndrome) in the Dairy Cow, 18-152

LIVER

Bovine Fascioliasis: Economic Impact and Control in Gulf Coast Based on Seasonal Transmission, 17-126

The Diagnosis of Disease of the Bovine Liver, 18-165

М

MASTITIS

Coliform Mastitis Enigma, 15-39

A Two-Year Survey of Five Herds with High Wisconsin Mastitis Test Scores, 15-45

The Influence of the Winter Environment of the Dairy Cow on Mastitis, 16-24

The Effect of a Teat Sealer on Coliform Mastitis, 16-28

Mastitis Prevention by Selection of Sires, 16-37 TI/59 Program Based on Somatic Cell Counts for Estimating Subclinical Mastitis Loss, 17-20

Nocardia Mastitis, 18-4

Problem Solving in Dairy Practice I: Mastitis Management, 19-108

MEETING

XII World Congress on Diseases of Cattle, 18-214

METABOLIC

Disorders of Thiamine Metabolism in Young Ruminants, 17-143

Genetic Influences on the Values of Metabolites and Enzymes in the Blood of Dairy Cows, 17-145

Use of the Computer in the Study of Metabolic Disorders of Dairy Cows, 17-146

Liver Metabolism in the Dairy Cow: Problems involved in Meeting the Demands of High Productivity, 17-147

Fatty Liver in Dairy Cows — Incidence, Severity, Pathology and Functional Consequences, 17-149

The Low Milkfat Syndrome: Some Metabolic Consequences of High Grain Restricted Roughage Rations, 17-150

Metabolic Disorders Associated with Hypomag-

nesemia and Hypocalcemia in Grass Tetany in Ruminants, 17-151

The Effect of Different Selenium Supplementations to Cattle, 17-152

Circulatory Changes in Hypocalcemic Cows, 18-247 (abstract)

Evaluation of a Routine Testing for Ketonuria and Aciduria, in the Detection of Sub and Clinical Ketosis Associated with Overfeeding in Dairy Cattle, 19-219

MICROBIOLOGY

Clinical Microbiology in Bovine Practice, 15-144

MICROCOMPUTERS

Computerized Optimization Planning-Allocation of Ranch Resources to Meet Livestock Requirements and Integrated Ranch Information Needs, 15-129

MILK

Concentrations and Residues of Gentamicin in the Milk of Dairy Cows After Intramammary Infusion, 16-30

Screening Test for Abnormal Milk and Physical Examination of the Udder, 18-7

Fiber I — Milk Fat Depression, 19-125

Milk Fever Prevention Update and Vitamin D₃
Toxicity, 19-127

The Veterinarian's Role in the Production of Quality Milk, 19-130

Controlling Contamination of Milk and Reducing Udder Infection Using Practical Steps in Dairy Hygiene, 19-134

Effects of Premilking Udder Hygiene on Environmental Bacterial Contamination, Chemical Residue, and Sediment in Milk, 19-139

MILKING EQUIPMENT

Milking Equipment Components, Function and Evaluation, 18-25

Ν

NEONATAL

Comparative Clinical Pharmacology of Gentamicin and Tobramycin in Neonatal Calves, 16-17

Vitamins: Their Role in Therapeutics, Prophylaxis, and Supportive Therapy in the Neonatal Calf, 18-34

Neonatal Immunity in Cattle, 19-71

NERVOUS DISORDERS

Student Clinical Report — Neonatal Meningoencephalitis Associated with Infectious Bovine Rhinotracheitis Virus, 19-41

NEUROLOGY

An Update on Selected Bovine Neurological Problems in the U.S.A., 18-248 (abstract)

0

OXYTETRACYCLINE

Plasma Levels of a Long-Acting Oxytetracycline in Cattle, 16-22

P

PARASITISM

Bovine Fascioliasis: Economic Impact and Control in Gulf Coast Cattle Based on Seasonal Transmissions, 17-126

Seasonal Control of Gastrointestinal Parasites Among Dairy Heifers Using Two Strategically Timed Treatments of Fenbendazole, 18-54

Vaccination of Norwegian Cattle Against Ringworm, 18-248 (abstract)

Epidemiology and Control of Gastrointestinal Parasitism in Grazing Cattle in Missouri, 19-208

PARTURIENT PARESIS

Further Observations on the Use of la-Hydroxycholecalciferol in the Prevention of Bovine Parturient Paresis, 15-67

PHARMACOLOGY

What is New in Veterinary Clinical Pharmacology? Cimetidine and Ranitidine, Histamine-H₂ Receptor Antagonists: Potential Veterinary Therapeutic Uses?, 19-216

PLASMA

Investigation of the Plasma Digitoxin Concentration in Cattle at Different Dosages, 18-169

POISONINGS

Livestock Poisoning From Oil Field Wastes, 15-146 Sodium Ion Poisoning in Livestock from Oil Field Wastes, 15-152

An Investigation of an Arsenic Poisoning Case, 15-157

POISONOUS PLANTS

Ornamental Plants Potentially Hazardous to Cattle, 18.188

Yellow Buckeye (Aescultus octandra Marsh) Toxicity in Calves, 18-195

PRACTICE

Clinical Report: Dairy Practice, 15-133

PROTEIN

Protein Utilization in the Ruminant, 18-111

The Use of Blood Urea Nitrogen Concentration as an Indicator of Protein Status in Cattle, 18-114

R

REPLACEMENT HEIFERS

Developing Replacement Heifers, 19-160

REPRODUCTION

The Effect of Retained Placenta and Metritis Complex on Reproductive Performance in Dairy Cattle, 15-8

A Field Investigation of the Effect of 5 mg PGF2

Given Intravenously to Cycling Beef Cows and
Heifers, 15-25

Evaluation of a Long-Acting Oxytetracycline for Treatment of Pasteurella Pneumonia in Calves, 15-96

Uses and Abuses of Hormones and Their Analogs in Estrus Synchronization, Control of Parturition, Prophylaxis and Therapy of Infertility, 16-65

Estrus Synchronization of Beef Cows with a Palpable Corpus Luteum Using PGF₂a, 16-69

Clinical Observations in Rectovaginal Constriction in Jersey Cattle, 16-76

Effects of Vitamin E and Selenium on Periparturient Diseases and Fertility in Dairy Cattle, 16-80

The Possible Relationship Between Feeding, Fertility, and Blood Parameters of Milking Cows, 16-85

An Economic Comparison of Two Estrus Synchronization Programs for Dairy Heifers, 17-32

A Discussion on Reproductive Failure in Cattle, 17-39

The Effect of Pregnancy Diagnosis Per Rectum on Early Embryonic Death in the Cow, 18-24 (abstract)

A Ten Year Survey of Cystic Ovary Cows in an Intensive Dairy Herd, 18-247 (abstract)

Problem Solving Session II: Reproductive Management, 19-116

Improving and Predicting Reproductive Performance, 19-164

Reproductive Performance Records, 19-180

Right Horn-Left Horn Pregnancy Diagnosis as a Means of Evaluating A.I. Technique, 19-189

RESEARCH

Research and the Real World, 17-155 How Mice can Help Cattle, 17-163

RESPIRATORY SYSTEM

Clinical Classification of Pneumonias in Cattle, 15-73

Rhinitis Syndrome in IBR-Vaccinated Feedlot Cattle, 15-81

Antibody Responses to IBR Vaccination in Feedlot Cattle, 15-84

Observations on the Use of a Long-Acting Oxytetracycline for In-Contact Bovine Respiratory Disease in Feedlot Steers Under Canadian Conditions, 15-87

Sodium Bicarbonate Does Not Prevent Acute Bovine Pulmonary Edema and Emphysema, 16-40

Criteria for Live Virus Vaccines Against Respiratory Infections, 16-109

Clinical Evaluation of Prophylactic Regimens for Bovine Respiratory Disease, 17-56

Infectious Bovine Rhinotracheitis Virus and Parainfluenza-3 Virus in the Nasal Flora of Dairy Calves, 17-59

Enzootic Pneumonia in Calves, 18-68

Bovine Respiratory Syncytial Virus and Acute Respiratory Distress Syndrome in Cattle, 18-73

The Control of Respiratory Diseases in Housed Dairy Calves in a Fluctuating Climate, 18-246 (abstract)

A Field Trial with a Respiratory Syncytial Virus Vaccine, 18-246

Respiratory Tract Reactions in Young Bovine Animals and Their Significance, 19-66

RETICULO-RUMEN

Current Aspects of the Primary Insufficiency of the Motor Functions of the Reticulum and Rumen, 17-85

RUMEN

Ruminal Metabolic Acidosis, 16-44

S

SALMONELLOSIS

Bovine Salmonellosis, 15-122 Immunization of Calves Against Salmonellosis, 18-247 (abstract)

SCREENING TEST

Screening Test for Abnormal Milk and Physical Examination of the Udder, 18-7

SURGERY

Preputial Surgery on the Bull, 15-34

Reconstructive Teat Surgery for Complete Teat Canal Obstructions, 18-209

Т

TICKS

Comments on Tularemia and Other Tick — Borne Affections of Livestock in Montana, 18-201

TORSION

Bovine Uterine Torsion: A Review Illustrated by Cases from the Western College of Veterinary Medicine Large Animal Clinic, 17-94

TOXICOLOGY

Forensic Toxicology and the Bovine Practitioner, 15-155

Animal Toxicology Hotline, 15-159

Toxicological Problems of the Industrial-Agricultural Interface, 15-161

TOXINS

Effects of Acute Iodine Toxicity on Reproduction in Dairy Herd, 16-114

Tall Fescue Summer Toxicosis in Cattle, 17-137 Nitrate Intoxication in Cattle, 18-247 (abstract) Treatment of Chronic Chlorpyrifos Poisoning in a Limousine Bull, 19-204

UDDER EDEMA

Udder Edema of Jersey Cattle Affected with Rectovaginal Constriction, 18-13

VACCINE

Experimental and Field Usage of Inactivated BVD or IBR-P1₃-BVD Vaccine in Feedlot Cattle, 19-33

VEAL

Clinical Assessment of Veal Calf Units, 18-125

VITAMINS

Effects of Vitamin E and Selenium on Peri-parturient Diseases and Fertility in Dairy Cattle, 16-80 Milk Fever Prevention Update and Vitamin D. Toxicity, 19-127

VOLTAGE

A Study of Farm Animals Near 765 KV Transmission Lines, 15-51

A Review of the Problems Associated with Stra Voltage in Dairy Herds, 16-54

Understanding and Dealing with Stray Voltag Problems, 17-4

W

WORLD CONGRESS

Keynote Address . . . XIII World Congress or Cattle Diseases: The Challenges of the World's Increasing Food Shortage and Optimal Milk and Meat Production Capacity Confronting the Veterinarian in Bovine Practice and Research in the Coming Decades, 19-xxiv

Proceedings of Annual Meetings (1980-1984)

INDEX OF AUTHORS

in alphabetical order

Α

Abernathy, R.F., 13-190 Acres, S.D., 13-24 Adams, R.S., 16-187 Al- Ani, F.K., 16-189 Allenstein, L.C., 16-174 Ames, Trevor, R., 15-136 Anderson, Bruce C., 14-92 Anderson, G.A., 15-23 Anderson, John F., 15-159 Archbald, L.F., 15-140 Atkins, Gordon, 13-191

B

Baggot, J. Desmond, 17-148 (abst.) Baldwin, R.S., 16-187 Ball, Leslie, 17-85 Barnes-Palleson, F., 17-123 Becht, J.L., 15-140 Bechtol, D.T., 15-162 Bevill, Richard F., 17-32 Black, Neal, 15-3 Blease, Robert R., 16-55 Bliss, E.L., 16-195 Blood, D.C., 14-14 Boger, L.L., 16-16 Bohlender, Bob, 14-120, 17-14, 17-133 Bolin, Steven R., 17-67 Bonner, John M., 17-27 Bosu, W.T.K., 13-137 Bowen, John M., 17-32 Bradley, Richard E., 17-56 Brand, A., 15-51 Braun, R.K., 15-51, 15-141, 16-195, 16-196 Bray, D., 17-123 Brewer, Barbara D., 17-102 (abst.) Brown, Jay R., 17-157 Brown, L.N., 14-96 Bruno, Dwight, 14-129 Bucholtz, David C., 15-154, 16-45 Buck, William B., 14-79 Buelke, Donald L., 15-148 Bulgin, Marie S., 17-163 Bushnell, Robert B., 14-73, 17-115 Butler, D.G., 13-17, 13-20, 13-187

C

Cain, Michael F., 17-27 Carson, Robert L., 16-194 Chalupa, W., 15-140 Chalmers, J.S., 17-20

Cheney, J.M., 16-163 Church, T.L., 13-115 Clark, Hubert C., Jr., 16-153 Clarke, Cyril R., 17-102 Coles, E.H., 14-22 Cope, Gene E., 14-104 Coppoc, Gordon L., 17-32 Corbett, Robert B., 15-166 Corwin, Robert M., 17-54 Couture, Y., 13-151 Crawford, Lester M., 16-12 Cummins, Joseph M., 15-109, 16-122 Cunningham, Dale E., 16-198 Curtis, Jim, 14-127 Curtis, R.A., 13-32, 13-103

Darlington, R.L., 14-139 Davidson, J.N., 13-41, 14-53 Davis, D.G., 13-32 Davis, Lloyd E., 17-148 (abst.) Dickinson, John O., 14-137 Dirksen, G., 16-152 Divers, T.J., 15-74 Dixon, Joe, 16-180 Dobbins, Charles N., 17-39 Doig, P.A., 13-127, 16-155 Donovan, G.A., 15-51, 15-141, 16-196 Doster, Alan R., 14-122 Draayer, H.A., 17-189 Drost, Maarten, 17-75 Dunlop, Robert H., 17-3

Eberhart, R.J., 15-60 Edwards, Alvin J., 15-116 Edwards, G.H., 16-166 Ellis, P.R., 13-51 Elsden, R.P., 14-49 Eness, Paul G., 17-144 Erb, H.N., 17-123 Ernst, Peter, 13-187 Esslemont, R.J., 13-51

Fayer, Ronald, 14-117 Feltmate, T.E., 13-32 Ferreira, Connie, 14-131 Fertig, Kenneth, 17-173 Foreyt, W.J., 14-99 Fox, James E., 17-182 Fredeen, H.T., 13-163

G

ISSN 0743-0450

Galton, D.M., 15-140, 17-108 Gartley, C., 13-17 Gay, Clive C., 16-79 Gaymer, Jorgen, 16-175 Geeding, Phil, 17-170 George, Lisle W., 17-148 Gill, Donald R., 16-93 Godke, R.A., 15-140 Goodger, William J., 15-163 Griffin, Dee, 16-88, 16-127, 17-139, 17-153 Guilbault, Louis A., 17-75 Guterbock, Walter, 16-177 Gwin, Robert M., 16-198 Gyles, C.L., 13-13

Н

Haaland, M.A., 16-166 Hancock, Dale, 15-16, 16-85 Hanson, Lyle, E., 16-159 Hamilton, G.F., 13-98 Harries, W.N., 13-185 Harris, Robert J., 16-185 Hawkins, Bert W., 17-18, 17-22 Heider, Lawrence E., 17-119 Held, Stan, 17-170 Henry, S.C., 15-90 Heid, Rupert, 15-85 Herrick, John B., 15-6, 17-11, 17-95 Hirsh, Dwight C., 17-102 Hjerpe, C.A., 15-92 Hoffsis, Glen F., 17-20 Holste, J.E., 16-69 Hudson, Donald B., 14-122 Hudson, Robert S., 16-144, 16-194 Hueston, William D., 17-119 Hull, Bruce L., 17-147 Hutcheson, David P., 15-109, 15-162 Hutchinson, L.J., 16-187

Ingraham, R.H., 15-140

James, Harry, 16-51, 16-129 Janzen, E.D., 13-119 Jenkins, William L., 17-148 (abst.) Jensen, Harold G., 16-198 Johnson, Andrew P., 14-133 Johnson, J.A., 13-32 Johnson, J.L., 14-122 Jones, Howard, 16-181

K

Kahrs, Robert F., 14-113, 17-103, 17-155 Kerfoot, Michael, 15-151 Kimball, M.D., 17-42 Kimberling, C.V., 15-131 King, D.H., 17-23 (abst.) Knox, J.W., 17-42 Kunesh, Jerry P., 17-148 (abst.)

L

Lacefield, Gary, 17-142
Ladue, Robert, 14-130
Lauderdale, J.W., 15-165
Lamothe, P., 13-151
Larson, Vaughn L., 15-136
Lawson, J.E., 13-163
Leaning, William H.D., 16-131
Ledbetter, G.A., 14-132
Leipold, H.W., 15-147
Leverett, Gene, 16-57
Lewis, Jim, 14-128
Littell, R.C., 15-141, 16-195, 16-196
Lloyd, K., 15-149
Luther, D.G., 17-42

M

MacKay, A.L., 13-127 Mackay, David, 16-172 MacLachlan, N.J., 15-23 Macleod, G.K., 13-179 Mahoney, John H., 17-98 MacPherson, A., 17-20 Manspeaker, J.E., 16-166 Mapletoft, Reuben J., 13-154 Marbury, K.S., 17-42 Mark, 14-130 Martin, S.W., 13-32 McAllister, J.F., 15-165 McCafferty, Owen E., 14-61 McCampbell, Hugh, 15-149 McDaniel, Ben T., 15-41 McDermott, M.P., 17-123 McElroy, William, 17-136 McGuirk, Sheila M., 15-69 McMillan, C.W., 16-6 McPhail, Ross K., 17-172 McPherson, T.E., 15-141 Meek, A.H., 13-33 Meerdink, Gavin, 17-179 Meller, J.D., 17-159 Menard, D.P., 13-151 Merkal, Richard S., 17-64 Mercer, H. Dwight, 17-33 Meyer, Daryl, G., 16-62 Mickelsen, W. Duane, 15-134 Miksch, Duane, 16-148, 16-189, 17-Miller, Janice M., 15-30, 17-70

Miller, R.B., 16-155 Miller, R.E., 15-156 Momont, Harry W., 17-89 Mortimer, R.G., 16-163, 17-85 Mueller, Marc, 16-42 Muscoplat, Charles C., 15-8 Myers, G.H., 15-162

N

Natzke, R.P., 17-123 Nelson, Arden J., 16-32 Newman, J.A., 13-163 Nordlund, Ken, 15-35 Nordquist, Robert E., 16-198 Noordhuizen, J.P.T.M., 15-51

0

O'Connor, M.L., 16-187 Ogilvie, T.H., 13-17 Olentine, Charles, 17-175 Olson, David P., 16-64 Olson, J.D., 16-163, 17-85 Osborne, Earl, 13-8 Osburn, B.I., 15-23 Owens, Fredrick N., 16-18

P

Painter, Elaine, 16-171
Paisley, Larry G., 14-43
Pierson, Robert E., 14-79
Pommer, J.L., 14-122
Powers, J.D., 17-26
Powers, Thomas E., 17-26
Prasse, Keith W., 15-79
Purohit, Ram C., 16-194
Putnam, Marshall R., 15-122

Q

Quay, J.E., 17-20

R

Radostits, O.M., 13-24, 13-63, 14-2 Rahnefeld, G.W., 13-163 Rice, Lawrence E., 16-137 Rice, P.R., 14-127 Richardson, G.F., 15-140 Ritchie, David A., 17-187 Roberts, Malcolm C., 17-148 (abst.) Robertson, Edwin G., 16-30, 17-12 Roble, M.G., 16-166 Rodenburg, Jack, 13-169 Roth, James, 17-184 Ruehl, William W., 17-102 Ruhnke, H.L., 13-127, 16-155

S

Sams, Richard A., 17-26 Scheide, S.W., 17-42 Schnackel, John A., 17-24 Schwarm, Mark A., 16-173 Schweitzer, D.J., 15-131 Scott, J.L., 15-23 Sequin, Bradley E., 17-89 Shacklady, Ed, 13-194 Shane, Leslie L., 13-195 Short, Charles R., 17-102 (abst.) Smalley, Steve, 16-176 Smith, R.A., 16-102 Smith, R.D., 13-41 Smith, M.W., 13-173 Snider, T.G. III, 17-42 Sniffen, C.J., 13-41 South, Peter, 15-141 Spire, Mark F., 15-116 Stephen, Renate M., 16-198 Stephens, A.J., 13-51 Sterner, Keith, 14-32, 17-16 Stober, M., 16-152 Stout, Robert G., 17-149 Stowe, Clarence M., 15-136 Studer, Erich, 14-34 Suissa, S., 15-141

T

Thatcher, William W., 17-75 Thompson, T.D., 17-20 Thorsen, Jan, 14-113

V

Vandamme, Douglas M., 17-125 Van Der Maaten, M.J., 17-70 Varma, K.J., 17-26 Vestweber, J.G., 15-147, 16-189

W

Waltner-Toews, David, 16-72 Weaver, Leon D., 17-82 Webber, J.A., 17-20 Weiss, G.M., 13-163 Welker, Frank H., 17-20 Wenkoff, Martin, 13-195 Wescott, Richard B., 17-60 Whelan, E., 13-2 Whitford, R.E., 15-151 Whitlock, R.H., 15-140 Whitmore, Howard L., 15-66 Wilke, B.N., 13-113 Williams, Danny L., 17-98 Williams, J.C., 17-42 Williamson, N.B., 13-37 Wishart, David F., 17-26 Woelffer, Elmer, 13-184, 14-108 Wohlegemuth, Kurt, 17-105, 17-177 Wolfe, Dwight, F., 16-144, 16-194

Υ

Young, Stuart, 14-79

Proceedings of Annual Meetings INDEX OF SUBJECTS in alphabetical order

(1980-1984)

A

ABOMASUM

Probantheline Bromide and Cimetidine in the Control of Abomasal Acid Secretion, 15-140 Dietary Effects on Abomasal Motility in Cattle, 15-140

ABORTION

Embryonic Death and Early Abortion in Cattle — A Review, 14-108

ACCREDITATION

Maintaining the Integrity of the Accredited Veterinarian System, 17-18

ACIDOSIS

Magnesium Oxide Contraindicated as a Cathartic for Cattle in the Absence of Rumen Acidosis, 13-17

ANIMAL WELFARE

What are Animal Welfare People Telling Us?, 15-6

ANTIBIOTIC

Comparisons of Colostral and Serum Antibody Titres in Cows Vaccinated with *E. coli* K99 Antigens, 16-196

Practical Antibiotic/Sulfonamide Residue Detection, 17-39

Antibiotic Treatment of Moraxella bovis infection in Cattle, 17-148 (abstract)

ANTIMICROBIAL THERAPY

Systemic Antimicrobial Therapy in Beef Cattle: Pharmacologic and Therapeutic Considerations, 15-92

Oxytetracycline Levels in Healthy and Diseased Calves, 15-136

Therapeutic Strategies Involving Antimicrobial Treatment of Disseminated Infections in Food Animals, 17-20 (abstract)

Cephalosporin Group of Antimicrobial Drugs, 17-20 (abstract)

Recent Advances in Antimicrobial Drugs: The Penicillins, 17-26 (abstract)

Selecting Therapeutic Concentrations: Minimum Inhibitory Concentrations vs. Subminimum or Supraminimum Inhibitory Concentrations, 17-26 (abstract)

Principles of Clinical Pharmacokinetics of Antimicrobial Drugs, 17-26

Therapeutic Failures with Antimicrobial Drug Treatment, 17-148 (abstract)

Hypersensitivity Reactions Induced by Antimicrobial Drugs, 17-148 (abstract)

Concurrent Use of Corticosteroids and Antimicro-

bial Drugs in the Treatment of Infectious Diseases in Large Animals, 17-148 (abstract)

Therapeutic Strategies Involving Antimicrobial Treatment of Large Animals with Peritonitis, 17-148 (abstract)

В

BACTERIA

Practitioner's Role in the Diagnosis of Haemophilus somnus, 17-171

BLOAT

Bovine Surgery: The Rumen Fistula for Treatment of Chronic Bloat, 17-147

BLUETONGUE

A Review of Bovine Bluetongue, 15-23

BOVINE RESPIRATORY DISEASE

(BRD Complex)

A Review of Bovine Respiratory Disease, 16-102 Report on the North American Symposium on Bovine Respiratory Disease, 16-122

Suppression of Neutrophil Functions in Bovine Respiratory Disease, 17-184

BOVINE VIRUS DIARRHEA (BVD)

BVD Vaccination Trial, 13-187

Persistent Infection of Cattle with BVD Virus: Recent Findings on Origin, Prevalence, and Relationship to Disease, 17-67

A BVD Wreck: A Practitioner's Approach to Epidemiology, 17-149

Some Observations on Field Use of BVD Vaccines, 17-177

BREEDING

A Practical Approach to the Correction of Breeding Unsoundness, 14-131

Physical Defects Which Limit Breeding Soundness of Bulls, 16-144

C

CAESAREAN SECTION

Use of a Letter Opener for Uterine Incision During Caesarean Section, 16-177

CALF MANAGEMENT

Developing Workable Calf Management Programs, 16-72

Neonatal Calf Management, 16-137

CASTRATION

An Efficient and Safe Method of Castration for the Bovine by the Intra-Testicular Injection of Chem-CastTM, 15-156

Economics and Animal Welfare Considerations of

Early Castration and Utilization of Ralgro® Implants, 17-27

CENTRAL NERVOUS SYSTEM

Differential Diagnosis of Cattle Exhibiting Central Nervous Symptoms, 14-79

CHEMOTHERAPY

Advances in Antiviral Chemotherapy, 17-23 (abstract)

CLINICAL EXAMINATION

ination of the Herd, 14-14

The Clinical Examination of Cattle, Part 1: The Examination of the Individual Animal, 14-2
The Clinical Examination of Cattle, Part 2: Exam-

COCCIDIOSIS

Clinical Considerations of Bovine Coccidiosis, 17-144

Subclinical Coccidiosis in Calves, 17-182

COLOSTRUM

The Role of Colostrum in Managing Calf Health, 16-79

COMPUTERS

Daisy: Dairy Information System, An Aid to Record Keeping and Health Management, 13-51 An Introduction to the Use of Computers in Bovine Practice, 14-53

The Use of Microcomputers for Consultation, 16-57

Use of the DART Program in the Southeast as a Practice Option, 16-181

The Future Use of Computers in Practice, 17-157 Our Practical Experience with the Computer, 17-159

CORTICOSTEROIDS

Concurrent Use of Corticosteroids and Antimicrobial Drugs in the Treatment of Infectious Diseases in Large Animals, 17-148 (abstract)

CRYPTOSPORIDIOSIS

Cryptosporidiosis in Calves: Epidemiologic Questions, Diagnosis and Management, 14-92

n

DAIRY INDUSTRY

The Canadian Dairy Industry: What Makes It Tick?, 13-8

DIARRHEA

Escherichia coli Enterotoxin in Calf Diarrhea, 13-13 Treatment of Neonatal Calf Diarrhea, 13-20 The Prevention and Control of Epidemics of Acute Undifferentiated Diarrhea of Beef Calves, 13-24 Epidemiologic Diagnosis of Neonatal Diarrhea in Dairy Calves, 15-16

DISEASES

Diseases of the Ruminant Stomachs and Intestines of Cattle, 13-63

Specific Infectious Diseases that Limit Bovine Reproduction, 15-66

DRUGS

Towards the Responsible Use of Veterinary Drugs, 16-12

E

ELECTROLYTE THERAPY

Acid Base Balance and Electrolyte Therapy, 15-79

EMBRYC

Embryo Transfer for the Practitioner, 13-155 Bovine Embryo Transfer and the Veterinary Practitioner, 14-49

Embryonic Death and Early Abortion in Cattle— A Review, 14-108

Embryo Transfer in a Group Practice, 16-30

ENVIRONMENT

The Effects of Cold Exposure on Neonatal Calves, 16-64

Effects of the Environment on Neonatal Dairy Calf Health, 16-85

EQUIPMENT (CATTLE HANDLING)

Cattle Handling Equipment, 14-128

F

FEEDING

Effect of Feeding Microbial Cultures to Milk Fed Dairy Calves, 16-195

FEEDLOT

Factors Relating to Sickness and Death in Feedlot Calves, 13-32

Health Management of Feedlot Cattle, 13-115 Effect of Interferon on Feedlot Cattle, 15-109 Ionophores, Buffers, and Protein for Feedlot Cattle, 16-18

Feedlot Disease Losses, 16-88

Implants and Feed Additives for Feedlot Cattle, 16-93

Dipping Vat Problems in the Feedlot, 17-153
Feedlot Medicine/Vaccination of Incoming Cattle,
17-155

FENBENDAZOLE

Compatibility of Fenbendazole When Used Concomitantly with Other Products to Process Feeder Cattle, 15-162

FESCUE TOXICITY

Fescue Toxic Syndrome Update, 16-189

FETOTOMY

Fetotomy of the Emphysematous Fetus, 14-134

FETUS

Clinical Management of Early Fetal Death, 13-184

FLUID THERAPY

Applied Fluid Therapy in Bovine Practice, 15-154 Fluid Therapy for the Bovine Patient, 16-42

Applied Fluid Therapy in Bovine Practice (Practical-Economical), 16-45

FOOD ANIMAL PRACTICE

The Future of Food Animal Practice, 17-3

An Introduction to the Symposium, 17-11

The Challenging Future of Food Animal Practice, 17-12

How I See the Future of Food Animal Practice,

A Midwestern Practitioner's View of What is in Store for Food Animal Practice, 17-16

Н

HAIRBALL SURGERY

Hairball Surgery in Calves, 15-148

HEALTH MANAGEMENT

Dairy Health Management Records, 13-41

Health Management of Feedlot Cattle, 13-115

Relative Contributions of Veterinary Service Programs to Dairy Herd Health and Milk Producers, 15-163

HERD HEALTH PROGRAMS

Herd Health in Free Stalls, 13-190

Herd Health Management in Central Alberta, 13-191

A Goal-Oriented Approach to Herd Health and Production Control, 15-51

Veterinary Nutrition Service as Part of a Total Dairy Herd Health Program, 16-32

Cow/Calf Herd Health — An Idealistic Herd Health Program, 16-148

A Realistic Herd Health Program, 16-153

Use of Prostaglandin in Herd Health Programs, 16-185

HOUSING

Management and Housing Factors Affecting Feet and Leg Soundness in Dairy Cattle, 15-41

1

IMMUNIZATION

Reconditioning: The Immunization Component, 17-103

IMMUNOLOGY

What's in Store in Immunology: Immunomodulators, Genetic Engineering, New Vaccines, 15-8 Practical Bovine Immunology, 15-116

IMPLANTS

Weight Changes of Male Dairy Calves Following Zeranol Implants, 15-141

Implants and Feed Additives for Feedlot Cattle, 16-93

Economic and Animal Welfare Considerations of Early Castration and Utilization of Ralgro® Implants, 17-27

INCISIONS

Skin Clips and Automatic Applicators, 14-127

INFERTILITY

The Role of Liver Fluke in Infertility of Beef Cattle, 14-99

INTERFERON

Effect of Interferon on Feedlot Cattle, 15-109

INTRAPERITONEAL LAVAGE

14-130

J

JOHNE'S DISEASE

Prevalence of Paratuberculosis (Johne's Disease) in Illinois Cattle Herds, 15-141

Paratuberculosis: Prevalence, Diagnosis, Prevention, and Treatment, 17-64

I

LABORATORY

Laboratory Tests Frequently Used in Bovine Practice at Carnation Research Farm, 14-34

LAPARATOMY

13-98

LEPTOSPIROSIS

Bovine Leptospirosis and Infertility, 16-159

LEUKOSIS

A Review of Bovine Leukosis, 15-30

LEVAMISOLE

Bovine Leukemia Virus Infections — A Continuing Cause for Concern, 17-70

LIVER FLUKE

The Role of Liver Fluke in Infertility of Beef Cattle, 14-99

LIVESTOCK PRODUCERS FAIR

16-51

M

MASTITIS

Mastitis — Update on Recent Findings, 14-73

Mastitis and the Dry Period, 15-60

Ligation of the External Pudenal Artery and Vein for the Treatment of Gangrenous Mastitis, 15-151

Hygiene Practices Affecting Milk Quality and Mastitis on Larger Dairies, 17-115

Use of Individual Cow Somatic Cell Counts and Bulk Tank Samples to Monitor Herd Mastitis

Status, 17-119
Economics of Lactation Therapy Based on High Somatic Cell Counts, 17-123

A Practitioner's Approach to Mastitis Microbiology

— Acute and Subclinical, 17-125

METRITIS

The Use of a Luteolytic Agent as a Treatment for Metritis, 13-151

MILK

Bulk Tank Procedures, 14-133

Tissue and Milk Residues of Tansy Ragwort Alkaloids, 14-137

Relative Contributions of Veterinary Services Programs to Dairy Herd Health and Milk Production, 15-163

Effects of Premilking Udder Hygiene on Environmental Bacterial Contamination, Sediment, and Iodine Residue in Milk, 17-108

Hygienic Practices Affecting Milk Quality and Mastitis in Larger Dairies, 17-115

MILKING MACHINE

The Divided Milking Machine — A New Design, 15-166

MISCELLANEOUS TIPS

14-134, 15-149

N

NECROPSY

A Method for Removing Brains from Ruminant Heads at Field Necropsies, 14-88

NUTRITION

Bypassing the Rumen with Lipids and Protein, 13-179

Nutrition Management Programs for Dairy Herds, 15-35

Ionophores, Buffers and Protein for Feedlot Cattle, 16-18

Veterinary Nutrition Services as Part of a Total Dairy Herd Health Program, 16-32

Pre-Weaning and Post-Weaning Nutrition, 17-98 Clinical Problems Associated with Starvation in Western Beef Herds, 17-163

Innovations in Ruminant Nutrition, 17-175 Potassium and Sodium for Dairy Cattle, 17-187

NEUROLOGY

Bovine Neurological Problems, 14-91

P

PARASITES

Subclinical Effects and Control of Abomasal Worms in Dairy Cattle, 15-85

Productivity Studies with Ivermectin in Beef Cattle, 16-69

Ivermectin as an Antiparasitic Agent in Cattle, 16-131

Ostertagia ostertagi: Clinical Condition, Recognition of Disease States, and Approaches to Control Through Anthelmintics and Management, 17-42

Ostertagiosis in Missouri Beef Cattle — The Scenario from Calving to Feedlot, 17-54

Dairy Herd Parasitology: Current Practices and Future Possibilities, 17-56

Bovine Parasites of Particular Importance in the

Northwest, 17-60

Dipping Vat Problems in the Feedlot, 17-153

PARTURITION

Parturition: A Mechanism Review: Induction, Intervention, and Calf Viability, 15-122

PATHOLOGY

Practical Bovine Clinical Pathology, 14-22 Clinical Pathology in Bovine Practice, 14-32

PHARMACOLOGY

A Practical Approach to Drug Dosage for the Practitioner: Introduction to the Use of Pharmacokinetics, 17-33

PHARMACY

An Innovative Dispensing Pharmacy, 16-62

PINKEYE

Infectious Bovine Keratoconjunctivitis: Comparison of Immunological Response and Disease Reproduction in Vaccinated and Non-Vaccinated Calves, 16-198

POISONOUS PLANTS

Tissues and Milk Residues of Tansy Ragwort Alkaloids, 14-137

PRACTICE

Inventory Control and Application in a Mixed Practice and Clinic, 13-194

Inventory Control, 13-195

Bovine Group Practice Management, 14-61

Cows and Curves (in Kentucky), 16-171

Bovine Practice in Hawaii, 16-172

Ten Tips in Running a Mixed Practice with Six Veterinarians and One Million Dollar Gross, 17-173

PRACTICE TIPS

13-184, 14-127, 15-148, 16-171, 17-170

PRECONDITIONING

Preconditioning — History and Guidelines, 17-95 Preconditioning: Organizing, Promoting and Marketing the Program, 17-105

PREGNANCY

Diagnosis of Pregnancy and Infertility by Rectal Palpation, 14-43

PREPARTUM

Management of the Prepartum Cow, 13-169

PREVENTIVE MEDICINE

Preventive Medicine Concepts, 15-90

R

RATIONS

The Use of Beta Carotene in Dairy Rations, 13-173

RENAL DISEASE

Diagnosis and Therapy of Renal Disease in Dairy Cattle, 15-74

REPRODUCTION

Reproductive Performance and Recording Systems, 13-37

Ureaplasma (T Strain Mycoplasma) Infection of the Bovine Reproductive Tract, 13-127

Practical Uses of GnRH and Prostaglandins in Bovine Reproduction, 13-137

Lifetime Reproductive Performance of Brood Cows Representing First-Crosses Between Three Exotic and Three British Breeds, 13-163

A Practical Approach to Prostaglandins in Large Animal Reproduction, 13-195

Bovine Reproductive Disorder: An Approach to Diagnosis, 14-96

Estrus Synchronization and Reproductive Management of Beef Herds in the South, 14-104

Research Summary of Factors Affecting Conception to First Service in Dairy Cows, Part III, 14-139

Specific Infectious Diseases That Limit Bovine Reproduction, 15-66

Effect of GnRH and PGF₂ Alpha on Reproduction in Postpartum Dairy Cows, 15-140

Use of Lutalyse® Sterile Solution in Lactating Dairy Cows with Silent Estrus, 15-165

Bovine Reproductive Failure Associated with Ureaplasma Diversum, 16-155

Effects of Incidence and Degree of Endometrial Scarring on Fertility in Dairy Cattle, 16-166

Trouble-Shooting Reproductive Problems Through Integrated Reproductive Management, 16-187

The Effect of Unilateral Orchiectomy on Semen Quality in Bulls, 16-194

Periparturient Events and Subsequent Fertility in Dairy Cows, 17-82

Prostaglandin Therapy and the Postpartum Cow, 17-89

Campylobacter Fetus Bacterin, 17-89

RESIDUE AVOIDANCE

Residue Avoidance or Veterinary Entrapment — What do they want?, 17-139

RESPIRATORY DISEASE

The Clinical Management of Respiratory Disease in Cow-Calf Operations, 13-119

Clinical Aspects of Pulmonary Adenomatosis, 14-120

Pulmonary Emphysema in Weaned Calves: Laboratory Diagnosis, 14-122

The Relationship of Environment to Respiratory Disease in the Dairy Calf, 15-159

Isoniazid Therapy in Bovine Practice, 16-173

RUMEN

Bovine Surgery: The Rumen Fistula for Treatment of Chronic Bloat, 17-147

RUMENSIN

Bovine Respiratory Toxicity — A Case Study, 15-131

S

SALMONELLOSIS

Resistant Salmonellosis in Southern Alberta Feedlots, 13-185

SARCOCYSTIS

Sarcocystis: A Clinical Entity in Bovine Practice, 14-117

SELENIUM

Results of Oral Selenium Supplementation in Cattle, 15-141

Methods of Selenium Supplementation of Ruminants, 17-20 (abstract)

SEROLOGIC TESTS

Interpretation of Serologic Tests for Bovine Viral Diseases, 14-113

SHIPPING FEVER

The Pathogenesis of Shipping Fever in Cattle, 13-103

Principles of Biological Control of Shipping Fever, 13-113

SOLE ABSCESSES

Treatment of Sole Abscesses of Cattle in Missouri, 17-173

SPAYING

Advantages of the Kimberly-Rupp Instrument in Spaying Heifers, 14-127

Spaying of Western Range Heifers, 14-138 Heifer Spaying — Kimberly-Rupp Method, 17-133 Spaying Flank Method, 17-136

STOCKER CALVES

Stocker Calves Receiving, Vaccination and Treatment Program, 16-127, 129

SULFONAMIDES

Practical Antibiotic/Sulfonamide Residue Detection, 17-39

T

TEATS

Emergency Teat Surgery, 14-129

Teat Surgery — A New Approach, 15-149

Teat Surgery — Stainless Steel Staples, 16-174

The Use of Tissue Adhesives in Teat Surgery, 16-175

TECHNICIANS

Use of a Technician in Dairy Practice, 14-132

THORACIC CAVITY

Internal Medicine Diagnostics — Thoracic Cavity, 15-69

TOXICITY

Fescue Toxicity Syndrome, 17-142

On the Farm Diagnostic Procedure for Specific Toxicants, 17-179

TRACHEAL COLLAPSE

Observations on Tracheal Collapse in Cattle, 15-147

TRICHOMONIASIS

Diagnosis of Trichomoniasis: Herd History and Culture Techniques, 15-134

Trichomoniasis: Diagnosis, Pathogenesis, Treatment, and Control, 16-163

TUBERCULOSIS

Don't Under-rate T.B. Testing, 16-176

U

UDDER

Factors Involved in Udder Edema, 16-189 Effects of Premilking Udder Hygiene on Environmental Bacterial Contamination, Sediment, and Iodine Residue in Milk, 17-108

UTERUS

Laparohysterectomy as a Therapy for Uterine Rupture, 14-135

Normal Uterine Physiology and Involution, 17-75 Therapy of Postpartum Uterine Infections, 17-85

V

VAGINAL PROLAPSE

Vaginal Prolapse Repair, 15-151 Use of Plastic Buttons for Repair of Vaginal Prolapse in the Cow, 16-180

VEAL CALVES

Veal Calf Consultation, 16-55

VETERINARY BIOLOGICS

The Bovine Practitioner and the Licensing of Veterinary Biologics, 17-22

Factors Involved in Adverse Reactions to Bovine Biologicals, 17-24

VULVAR REPAIR

A Modified Technique for Vulvar Repair in the Bovine Animal, 17-170

© Copyright American Association of Bovine Practitioners; open access distribution.