

# TABLE OF CONTENTS

Theme: Total Health Management — The Team Approach

## PLENARY SESSION

Invocation, Greetings .....	1
Welcome to Canada: Hon. Eugene Whelan .....	2
A Larger Team: Peter Hannam .....	5
The Candian Dairy Industry: What Makes It Tick? Osborne .....	8

## FEEDLOT, COW-CALF AND DAIRY COMBINED SESSIONS

Escherichia Coli Enterotoxin in Calf Diarrhea: Glyes .....	13
Magnesium Oxide Contraindicated as a Cathartic for Cattle in the Absence of Rumen Acidosis: Gartley, Ogilvie and Butler .....	17
Treatment of Neonatal Calf Diarrhea: Butler .....	20
The Prevention and Control of Epidemics of Acute Undifferentiated Diarrhea of Beef Calves: Radostits and Acres .....	24
Factors Related to Sickness and Death in Feedlot Calves: Martin, Meek, Feltmate, Curtis, Johnson, and Davis .....	32
Reproductive Performance and Record Systems: Williamson .....	37
Dairy Health Management Records: Davidson, Sniffen and Smith .....	41
Daisy: Dairy Information System, An Aid to Record Keeping and Health Management: Esselmont, Stephens and Ellis .....	51
Panel Discussion .....	60
Diseases of the Ruminant Stomachs and Intestines of Cattle: Radostits .....	63
Case Histories: Radostits .....	95
Laparotomy: Hamilton .....	98
Panel Discussion: Miller, Gyles, Butler and Acres .....	100

## RESPIRATORY SESSION

The Pathogenesis of Shipping Fever in Cattle: Thomson .....	103
Principles of Biological Control of Shipping Fever: Wilkie .....	113
Health Management of Feedlot Cattle: Church .....	115

The Clinical Management of Respiratory Disease in Cow-Calf Operations: Janzen .....	119
Panel Discussion .....	125

## REPRODUCTION SYSTEM

Ureaplasma (T Strain Mycoplasma) Infection of the Bovine Reproductive Tract: Doig, MacKay, and Ruhnke .....	127
Panel Discussion .....	135
Practical Uses of GnRH and Prostaglandins in Bovine Reproduction: Bosu .....	137
The Use of a Luteolytic Agent as a Treatment for Metritis: Lamothe, Menord and Couture .....	151
Embryo Transfer for the Practitioner: Mapletoft .....	154

## ANIMAL PRODUCTION AND NUTRITION SESSION

Lifetime Reproductive Performance of Brood Cows Representing First-Crosses Between Three Exotic and Three British Breeds: Freedon, Lawson, Rahnefeld, Newman, Weiss ..	163
Management of the Parturient Cow: Rodenburg ..	169
The Use of Beta Carotene in Dairy Rations: Smith .....	173
Bypassing the Rumen with Lipids and Protein: Macleod .....	179
Panel Discussion .....	182

## PRACTICE TIPS AND RELATED TOPICS

Clinical Management of Early Fetal Death: Woelffer .....	184
Resistant Salmonellosis in Southern Alberta Feedlots: Harries .....	185
BVD Vaccination Trial: Ernst and Butler .....	187
Herd Health in Free Stalls: Abernathy .....	190
Herd Health Management in a Central Alberta Practice: Atkins .....	191
Inventory Control and Application in a Mixed Practice and Clinic: Shacklady .....	194
Inventory Control: Shane .....	195
A Practical Approach to Prostaglandins in Large Animal Reproduction: Wenkoff .....	195

## Advertiser's Index

American Hoechst Corp .....	15	Germania Dairy Automation, Inc. ....	171
Beacham Laboratories .....	118	Ideal Instruments .....	158
Ceva Laboratories, Inc. ....	131	Pfizer .....	122-123
Connaught .....	73	Schering Corporation .....	10-11
F. W. Cislak Manufacturing and Engineering Co., Inc. ...	192	The Upjohn Company .....	142-144
Fort Dodge Laboratories .....	80		