

In Memoriam

Maurice L. Weldy D.V.M. Goshen, Indiana 1915-1979



Dr. Maurice L. Weldy, Goshen, Indiana, died on Thursday, May 10, 1979.

Dr. Weldy was a founder and member and first official president of the AABP. He will always be remembered for his tremendous dedication to the development of our organization.

Dr. Weldy was born in Wakarusa, Indiana, on October 30, 1915, the son of Samuel R. and Alva Loucks Weldy. He attended Goshen College and transferred to Michigan State University in 1937 where he received the D.V.M. degree in 1941. He practiced for 38 years and was a pioneer in the field of Bovine infertility and surgery. He was the senior associate of M. L. Weldy and Associates Veterinary Medicine, a six man practice with a small animal clinic in Goshen and a large animal office in Wakarusa.

Dr. Weldy was a member of the AVMA, a charter member and past president of the Michigan VMA. He was selected Indiana Veterinarian of the year in 1971.

It is largely due to the dedication and pioneer spirit of Dr. Weldy that the AABP has grown to the present solid and enterprising organization to which as its first official president, he devoted countless hours of fine leadership and

vision. In 1966 he represented the AABP at the World Buriatrics Congress in Switzerland and 1968 served as general chairman of the AABP's first national meeting in Chicago. He represented the organization for two terms in the AVMA house of Delegates and was serving on the Council of Veterinary Service at the time of his death. He was also a member of the AAEP.

Dr. Weldy served on the advisory committees of Goshen College Associates and the Salem Bank and Trust Company, Wakarusa.

Dr. Weldy is survived by his wife, the former Irene A. Grabill whom he married on August 27, 1938, two daughters, two brothers, a sister and five grandchildren.

The AABP editor writes: It was with deep regret that I received the news of Dr. Weldy's death. I shall always be greatly indebted to him for his encouragement and advice as editor of the Bovine Practitioner. I admired his dedication to his profession and fellow man. To Mrs. Weldy I offer deep sympathy and love on behalf of the AABP family and appreciation of her contribution and loyal support throughout the years.

American Association of Bovine Practitioners
November 28 - December 1, 1979
San Antonio, Texas

SEMINARS

SEMINAR I — Production of Quality Milk

November 25, 26, 27 *La Vista Room*

8:00 A.M. - 10:00 P.M. *Hilton Palacio Del Rio Hotel*

Preregistration required.

Registration fee \$325.00.

Limited to first 20 Registrants.

Arranged by American Association of Bovine Practitioners

Chairman: Dr. James Jarrett

Sanitation, Milking Techniques, Dry Cow Management — Dr. Paul Blackmer

Milking Machine Function and Testing — Dr. James Jarrett

Bacteriology-Culturing Procedure and Laboratory Techniques — Dr. Nelson Philpot

Quality Milk Production; Off Flavors; Ropy Milk; Bacteria Count — Dr. George Perlmutter

Farm Trip to Check Milking Equipment

SEMINAR II — Applied Dairy and Beef Nutrition

(Dairy and Beef sessions will be combined for the first session but will meet separately thereafter.)

Monday, November 26 *Convention Center Room 31*

Limited to first 125 registrants.

Registration fee \$125.00.

1:00 P.M. Physiology of Digestion: Non-Ruminant Calf — Dr. Neal Jorgensen

1:45 P.M. Physiology of Digestion, Ruminant — Dr. Lon Lewis

2:30 P.M. Discussion — Staff, Audience

2:45 P.M. BREAK

3:00 P.M. Energy — Terminology — TDN, GE, DE, ME, NE — Dr. Don Bath

3:30 P.M. Nitrogen — Terminology — Nitrogen, Protein, Nonprotein Nitrogen, Protein Solubility, Protein Degradation, and Digestibility — Dr. Mike Hutjens

4:00 P.M. Mineral and Vitamins — Sources and Evaluation — Dr. Neal Jorgensen

5:00 P.M. Discussion — Staff, Audience

DAIRY NUTRITION SEMINAR

Tuesday, November 27 *Convention Center*

A.M. Session *Room 31*

9:00 A.M. Requirements of A Good Feeding Program — Dr. James Crowley
 Intake

Rumen motility

Rumen end-products

Utilization and end-products

9:45 A.M. Meeting Requirements for Minerals and Vitamins During the Lactation Cycle. Methods of Feeding Minerals and Vitamins — Dr. Mike Hutjens

10:30 A.M. BREAK

10:45 A.M. Balancing the Ration to Meet Protein Requirements During the Lactation Cycle — Dr. James Crowley

11:30 A.M. Discussion — Staff, Audience

11:45 A.M. LUNCH

P.M. Session

1:15 P.M. Balancing the Ration to Meet Energy Requirements During the Lactation Cycle — Dr. Don Bath

2:15 P.M. Problem of Low Fat Milk — Dr. Mike Hutjens

3:00 P.M. Discussion — Energy Metabolism and Related Problems — Staff, Audience

3:15 P.M. BREAK

3:30 P.M. Role of Feeding as Related to Metabolic Disorders and Reproduction — Dr. James Crowley, Dr. Neal Jorgensen
 Fat Cow Syndrome
 Milk Fever

Displaced Abomasum

Ketosis

Retained Placenta

Breeding Efficiency

5:00 P.M. Discussion — Staff, Audience

7:15 P.M. Computer Programs — Workshop — Dairy — Dr. Ben Norman

Dairy Nutrition Seminar Continued

Wednesday, November 28

A.M. Session

8:00 A.M. Feeding Systems and Methods for the Lactating Herd — Dr. Don Bath
 Individual Feeding
 Group Feeding
 Complete Rations

8:45 P.M. Calf Feeding and Management: Birth to Two Months of Age — Dr. Neal Jorgensen

- 9:30 A.M. Discussion — Staff, Audience
 9:45 A.M. BREAK
 10:00 A.M. Feeding systems for replacement heifers
 Balancing Rations for Heifers — Dr.
 James Crowley
 10:45 A.M. Trouble Shooting: Workshop — Dr.
 Don Bath
 11:45 A.M. Discussion — Staff, Audience
 12:00 Noon LUNCH
- P.M. Session**
 1:15 P.M. Ration Balancing: Workshop — Dr.
 Mike Hutjens, Dr. Neal Jorgensen,
 Staff
 (Bring your small calculators)
 3:15 P.M. BREAK
 3:30 P.M. A Veterinarian's Approach to Nutrition
 Consultation — Dr. Richard Card

BEEF NUTRITION SEMINAR

Tuesday, November 27 *Convention Center Room 33*

- 8:00 A.M. Protein Requirements for Beef Cattle —
 Dr. M. Geasler
 9:15 A.M. Energy Requirements for Beef Cattle —
 Dr. G. Lofgreen
 10:30 A.M. BREAK
 10:45 A.M. Balancing Rations for Cow Calf Opera-
 tions — Dr. M. Geasler
 12:00 Noon LUNCH
 1:00 P.M. Approach to Cow Calf Nutrition in my
 Practice — Dr. J. Simons
 2:00 P.M. Balancing Least Cost Rations for
 Weaner Calves — Dr. G. Lofgreen
 3:00 P.M. BREAK
 3:15 P.M. Feeding the "Stressed" Weaner Calf —
 Dr. G. Lofgreen
 4:15 P.M. Feed Implants and Additives for Beef
 Cattle — Dr. D. Horton
 7:00 P.M. Balancing Least Cost Rations for Year-
 ling Cattle — Dr. P. M. Braddy
 Discussions and Questions

Beef Nutrition Seminar Continued

Wednesday, November 28

- 8:00 A.M. Work Shop — Ration Calculations —
 Bring Small Calculators
 12:00 Noon LUNCH
 1:00 P.M. Work Shop Continued
 2:45 P.M. BREAK
 3:00 P.M. Using the Mini Computer for Beef
 Cattle Ration Formulation — Dr. B.
 Norman
 4:15 P.M. Discussion and Questions

SEMINAR III — Wet Clinic Tuesday, November 27 — 8:00 A.M. *Joe Freeman Coliseum*

Limited to first 100 registrants.
 Transportation provided from Hotel
 Registration Fee — \$50.00.

- | | |
|---|---------|
| Breeding Soundness Examination of Bulls | 60 min. |
| Dr. P. J. Chenoweth and Dr. David Morriss | |
| Autopsy Demonstration | 45 min. |
| Dr. Larry Jones | |
| Sample Collection for Trichomoniasis and
Vibriosis from Bull | 15 min. |
| Dr. Bruce Abbitt | |
| Milking Machine Checkout | 45 min. |
| Dr. James Jarrett | |
| Display of Bovine Female Reproductive Tracts | |
| Dr. Joe Wright | 30 min. |
| Demonstration of Tooth Capping | 30 min. |
| Dr. Richard W. Winter | |
| Penile Deviation Surgery for Teaser Bulls | 30 min. |
| Dr. Wallace Cardwell | |
| Cosmetic Dehorning | 15 min. |
| Dr. Wallace Cardwell | |
| Insertion of Long Term Intravenous Catheter | |
| Speaker to be announced | 15 min. |
| Stifle Surgery for Removal of Meniscus | 30 min. |
| Dr. Jim Roffan | |
| Foot Lameness Therapy | 10 min. |
| Dr. Kenneth Benson | |
| Vaginal Prolapse Fixation | 30 min. |
| Speaker to be announced | |
| Teat Surgery | 30 min. |
| Dr. Francis Fox | |
| Gas Anesthesia | 15 min. |
| Speaker to be announced | |
| Toxic Plant Display and Comments | 20 min. |
| Dr. Reagan | |
| Embryo Collection and Transfer | 30 min. |
| Dr. Joe Wright | |
| Dr. Sam Castleberry | |
| Dr. Harley Schneider | |
| Dr. Jim Griffin | |

SEMINAR IV — Theriogenology November 28, 9:00 A.M. - 5:00 P.M. *Convention Center — Fiesta No. 1*

Limited to first 125 Registrants.
 Registration Fee — \$35.00.
 Moderator: Dr. Edward C. Mather, Michigan State
 University.
 Estrous synchronization and infertility in the beef
 and dairy cow.

Speakers: Dr. Brad Sequin,
University of Minnesota
Dr. Wayne Oxender
Michigan State University
Dr. Larry Rice
Oklahoma State University

SEMINAR V

Current and Selected Topics on Bovine Toxicology
November 28, 9:00 A.M. - 5:00 P.M.

Convention Center — Fiesta No. 2

Limited to first 125 registrants.

Registration fee — \$35.00.

9:00 A.M. - 12:00 Noon

Period 1 — Problems associated with oil field contaminations. Dr. W. C. Edwards

Period 2 — Differential diagnosis of CNS diseases in cattle. Dr. W. B. Buck

Period 3 — Problems due to Rumensin and other feed additives. Dr. W. E. Lloyd

Period 4 — An update on nitrate toxicosis. W. C. Edwards

1:30 P.M. - 4:30 P.M.

Period 5 — Post mortem evaluation of rumen contents in feed related problems in cattle. Dr. W. E. Lloyd

Period 6 — Forensic toxicology in cattle. Dr. W. C. Edwards

Period 7 — Ruminal acidosis associated with feeding of corn silage. Dr. W. B. Buck

Period 8 — Some cases of nephrotoxicosis due to feeding moldy forages. Dr. W. E. Lloyd

Period 9 — (Optional) — Selected Industrial intoxications. Dr. W. D. Edwards, Dr. W. B. Buck, Dr. W. E. Lloyd

SEMINAR VI

Academy of Veterinary Consultants AABP

November 28, 8:00 A.M. - 5:00 P.M.

Convention Center — Fiesta No. 3

Limited to first 125 registrants.

Registration fee — \$35.00.

8:00 A.M. Introduction of Topic and Speakers
Dr. Richard Fulton, Dr. L. Edwards

FIELD OBSERVATIONS

8:15 A.M. BVD Virus Infection and Shipping Fever: Clinical Signs and Field Case Histories. — Dr. Ned Brown

A compilation of Texas A&M Veterinary Medical Diagnostic Laboratory case histories, documenting the role of BVD virus in respiratory disease problems in High Plains feedyards. What these problems look like; why they don't look like classical

BVD-MD; why BVD serology alone can be misleading; what diagnostic procedures are necessary to establish the clinical significance of BVD infection in a field disease problem.

EXPERIMENTAL TRIALS

8:45 A.M. Concurrent BVD-Pasteurella hemolytica Infection of Feedlot Calves: A Natural Outbreak Among Experimental Calves. — Dr. Carlos Reggiardo and Dr. David Hutcheson.
Tennessee Shipping Fever Project.
The clinical signs.
The treatment response.
Morbidity-mortality figures.
Necropsy lesions.
Laboratory verification.
Nutritional aspects of the study.
BVD and Pasteurella serology.

9:15 A.M. Intentional Aerosol Exposure to Pasteurella hemolytica of Calves Coincidentally Infected with BVD Virus. Dr. Richard Corstvet and Dr. Roger Panciera

Pasteurella hemolytica vaccine trials. A comparison of results in BVD-infected calves versus those exposed to Pasteurella hemolytica alone.

9:45 A.M. Coffee Break

WHY IT HAPPENS — AN IMMUNOLOGICAL STUDY

10:15 A.M. BVD Virus Infection of Cattle. Effect on the Host Immune Response.

Dr. Carlos Reggiardo

Differences in Response to IBR Virus Challenge of BVD-infected versus BVD Immune Calves.

Cellular mediated and humoral antibody mediated responses.

Interferon levels.

Macrophage activity.

Non-specific bacteremia in BVD-infected calves.

WHAT DO WE DO ABOUT IT?

10:45 A.M. Field Trials with BVD Vaccines in High Plains Feedyards. — Dr. David Bechtol, Dr. Del Miles and Dr. Nel Brown

Effects of BVD vaccination on morbidity, mortality, health costs, and performance of the feedlot calf as related to BVD susceptibility on arrival determined by SN test.

Results of a series of controlled studies with different vaccines under several management conditions.

11:45 A.M. Lunch Break

1:00 P.M. Why I Recommend BVD Vaccination of Feedlot Cattle. — Dr. Nichols, Dellen Laboratories

- 2:00 P.M. Why I Do Not Recommend BVD Vaccination of Feedlot Cattle. — Dr. Charles Dehyle, Sr.
 3:00 P.M. Coffee Break
 3:30 P.M. Panel Discussion
 Question and Answer Session
 Moderator: Dr. Richard Fulton
 5:00 P.M. Adjourn

SEMINAR VII

Monday, November 26, 7:00-10:00 p.m.

Convention Center — Fiesta No. 4

Special Computer Session

Advanced Dairy Nutrition

Dr. Timothy Lesch

Dr. Phillip Sears

Bring: TI 59 calculator

Roll of paper for calculator

15 foot extension cord

New pack of magnetic cards

\$23.00

Joint Session with Seminar II

Tuesday, November 27, 7:15 p.m.

Convention Center — Room 31

\$35.00. Limited to 20 participants

Practice Methods and Techniques

Wednesday, November 28, 8:00 P.M.

Convention Center — Mission Room

Chairman: Dr. James J. Jarrett

8:00 P.M. - 8:15 P.M. Rumen Sampling Technique; pH meter; Acidosis. — Dr. Darby J. Moeller

8:15 P.M. - 8:30 P.M. Differential Diagnosis of CNS. — Dr. Alvin J. Edwards

8:30 P.M. - 8:45 P.M. Simplified Bacteriology for Veterinary Practice. — Dr. G. E. Ward

8:45 P.M. - 9:00 P.M. Autogenous Bacterins
 Dr. Ned Brown

9:00 P.M. - 9:15 P.M. Malpractice
 Dr. Jack R. Dinsmore

9:15 P.M. - 9:30 P.M. Drug Inventory Control
 Bonnie Sue Porter, ATR

9:30 P.M. - 9:45 P.M. Feedlot
 Dr. Rodney Oliphant

9:45 P.M. - 10:00 P.M. Johne's Disease
 Dr. Glenn Hoffsis

10:00 P.M. - 10:15 P.M. Dairy
 Dr. Leon D. Weaver

10:15 P.M. - 10:30 P.M. Cow/Calf
 Dr. Joe Bitter

GENERAL SESSION

Bovine Practice —

**THE CHANGING PROFESSION SERVING A
 CHANGING AGRICULTURE**

Thursday, November 29, 8:30 A.M. - 12:00 Noon

Convention Center — Mission Room

Chairman: Dr. David T. Bechtol

8:30 A.M. - 8:45 A.M. Welcome — Introductions

Dr. John Noordsy, President AABP

8:45 A.M. - 8:55 A.M. Welcome to San Antonio

Dr. Wallace Larson

8:55 A.M. - 9:00 A.M. The Program

Dr. David T. Bechtol

9:00 A.M. - 9:45 A.M. Feeding the World?

David A. Witts, Attorney

9:45 A.M. - 10:45 A.M. Beef Business in the 1980's

Kenny Monfort

10:45 A.M. - 12:00 noon Politics and Agriculture in the 1980's

Dr. Earl Butz (courtesy of Hoffman LaRoche)

DAIRY — SESSION I

Thursday, November 29, 2:00 P.M. - 5:30 P.M.

Convention Center — Fiesta Rooms

Format for each group:

- | | |
|---------|---|
| | 1. Chairman opens session, introductions |
| 5 min. | 2. Practitioner outlines the problem |
| 10 min. | 3. Clinician briefly states known facts |
| 25 min. | 4. Chairman directs audience questions and comments |
| 10 min. | 5. Practitioner suggests practice approach |
| 10 min. | 6. Clinician summaries and comments
(steps 5 and 6 may be reversed as appropriate) |

Northwest Area:

Chairman:

Dr. N. Anderson, Cheltenham, Ontario

Practitioners:

Dr. G. Washington, Purcellville, Virginia

Dr. K. Sterner, Ionia, Michigan

Clinician:

Dr. R. Ormsbee, Bridgewater, Massachusetts

Dr. J. Cote, Rockwood, Ontario

Subjects:

Mastitis

Calf Disease

Metabolic Diseases

Southwest Area:

Chairman:

Dr. B. Harrington, Apex, North Carolina

Practitioners:

Dr. A. Andrews, Archer City, Texas

Dr. J. Eischen, El Reno, Oklahoma

Clinicians:

Dr. K. Braun, Gainesville, Florida

Dr. J. Ramge, College Station, Texas

Subjects:
Downer Cow
Calves-respiratory System
Abomasal Displacement
Digestive System

Central Area:

Chairman:
Dr. R. Keith, Monroe, Wisconsin
Practitioners:
Dr. S. Held, Buffalo, Minnesota
Dr. E. Dahlquist, Fayette, Iowa
Clinicians:
Dr. L. Ball, Ft. Collins, Colorado
Dr. L. Heider, Ohio

Subjects:
Mastitis
Respiratory Disease
Implementation of Herd Health

Pacific Area:

Chairman:
Dr. S. Smalley, Chandler, Arizona
Practitioners:
Dr. R. Darlington, Snohomish, Washington
Dr. R. Abernathy, Duncan, BC
Clinicians:
Dr. O. Radostits, Saskatoon, Saskatchewan
Dr. R. Bushnell, Davis, California

Subjects:
Mastitis
Calf Disease
Abortions

FEEDLOT — SESSION I

Thursday, November 29, 1:00 P.M. - 5:00 P.M.
Convention Center — River Room

Moderator: Dr. Dallas Horton

- 1:00 P.M. - 1:50 P.M.
1. Review of Etiological Factors Associated with Bovine Respiratory Disease. — Dr. Merwin Frey
1:50 P.M. - 2:40 P.M.
2. Pathogenesis & Pathology of Bovine Respiratory Disease. — Dr. Rue Jensen
2:55 P.M. - 3:45 P.M.
3. Coffee Break
2:55 P.M. - 3:45 P.M.
4. Survey Results. — Dr. R. E. Pierson and Dr. Ned Brown
3:45 P.M. - 4:35 P.M.
5. Differential Clinical Diagnosis of the Bovine Respiratory Disease Complex. — Dr. R. E. Pierson
4:35 P.M. - 5:00 P.M.
6. Questions and Answers

COW-CALF — SESSION I

Thursday, November 29, 2:00 P. M. - 5:00 P.M.
Convention Center — River Room

- Chairman: Dr. Ed Avery
2:00 P.M. - 2:30 P.M.
Practical Approach to Diagnosis and Treatment of Trichomoniasis. — Dr. Wallace Cardwell
2:30 P.M. - 5:00 P.M.
Diarrhea and Fluid Therapy. — Dr. Robert H. Whitlock

DAIRY — SESSION II

Thursday, November 29, 2:00 P.M. - 5:30 P. M.
Convention Center — Mission Room

- (Dairy Reproductive Session)
30 min. 1. Retained Placenta — etiol., management, prevention. — Dr. C. J. Bierschwal
30 min. 2. Management of RP's in Practice. — Dr. A. Squire and Dr. J. Britt
30 min. 3. The Role of Selenium in R.P. — Dr. W. Julian
30 min. 4. Post-Partum Uterine Evaluation. — Dr. E. Studer
30 min. 5. Treatment of Post-Partum Endometritis. Dr. J. Kendrick
30 min. 6. A Practice Approach to the Infertile Cow. — Dr. M. Drost

GENERAL SESSION

Friday, November 30, 8:30 A.M. - 10:30 A.M.
Convention Center — Mission Room

- Chairman: Dr. J. Cote
8:30 A.M. - 9:00 A.M. Bovine Practice — A Changing Profession Serving a Changing Industry. Dr. Raymond Cook
9:00 A.M. - 9:30 A.M. Bovine Practitioner Award Dr. Leland Allenstein
9:30 A.M. - 10:30 A.M. Keynote Speaker Dr. Brian Sinclair ("TRISTAN" in Herriot Books)

DAIRY SESSION — SESSION III

Friday, November 30, 2:00 P.M.
Convention Center — Mission Room

- Chairman, Dr. Verne Scott, Stephenville, Texas
2:00 P.M. Milk Progesterone Assays in Pregnancy Diagnosis. — Dr. Bruce Abbitt
2:30 P.M. Herd Health Concepts in Larger Dairy Herds. — Dr. Tom Alley
3:15 P.M. Current Brucellosis Research. — Dr. Leslie G. Adams
3:45 P.M. Surgery In Abomasal Disease, Uterine Torsions and Thermal Treatment of Eye Lesions. — Dr. Derry D. Magee

4:30 P.M. "Understanding Nitrates and Protein Metabolism Will Make Your Clients Money." — Dr. Robert G. Scott

FEEDLOT — SESSION II

Friday, November 30

Convocation Center — Room 31

Moderator: Dr. Rodney Oliphant

1:00 P.M. - 1:50 P.M.

1. Basic Pharmacology of Bovine Respiratory Therapy. — Dr. Dan Upson

1:50 P.M. - 2:40 P.M.

2. Results of Applied Vaccination & Therapy Trials in Bovine Respiratory Disease. — Dr. Patrick Braddy

2:40 P.M. - 2:55 P.M.

3. Coffee Break

2:55 P.M. - 4:30 P.M.

4. Management, Medication, and Vaccination Programs for the Treatment & Prevention of Bovine Respiratory Disease

Panel of Bovine Practitioners

4:30 P.M. - 5:00 P.M.

Questions and Answer Panel plus Speakers

COW-CALF — SESSION II

Friday, November 30, 2:00 P.M. - 5:30 P.M.

Convention Center — River Room

Chairman: Dr. Joe Bitter

Use of Computers in Cow-Calf Management,

Nutrition, Health and Economics.

2:00 P.M. - 2:40 P.M.

Dr. David Hutcheson

2:40 P.M. - 3:20 P.M.

Dr. Gary Evans

3:20 P.M. - 3:30 P.M.

BREAK

3:30 P.M. - 4:45 P.M.

Dr. Dennis Child

4:10 P.M. - 4:45 P.M.

Dr. Max Garrison

4:45 P.M. - 5:30 P.M. Panel

GENERAL SESSION

Saturday, December 1, 8:30 A.M. - 12:00 Noon

Convention Center — Mission Room

Chairman: Dr. Duane Flack

8:30 A.M. - 9:15 A.M. Bureau of Veterinary Medicine. — Dr. Lester Crawford

9:15 A.M. - 9:45 A.M. Producer — Texas Cattle Feeders Association. — Dr. Richard McDonald

9:45 A.M. - 10:00 A.M. BREAK

10:00 A.M. - 10:30 A.M. AHI

Dr. Jerry Brunton

10:30 A.M. - 11:00 A.M. User Veterinarian

Dr. Dallas Horton

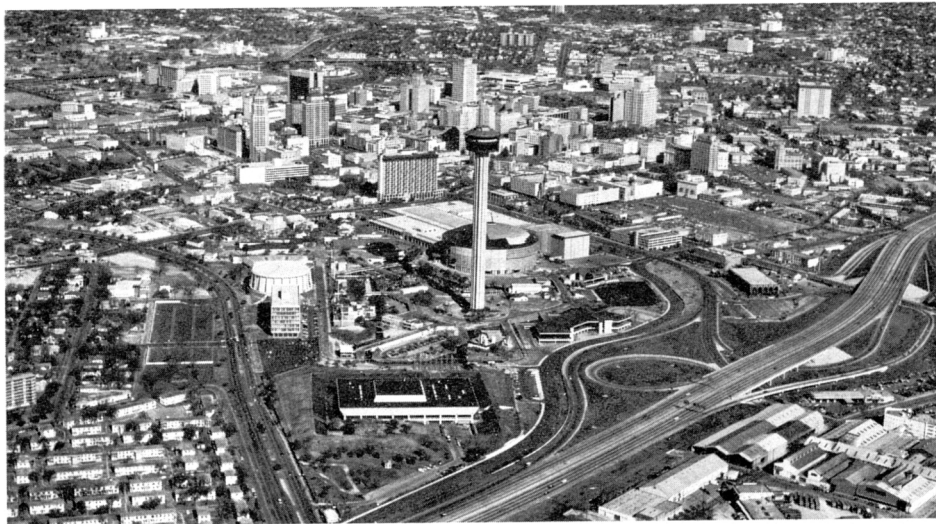
11:00 A.M. - 11:30 A.M. AVMA Drug Availability Committee. — Dr. Dan Upson

11:30 A.M. - 12:00 Noon Panel

Conference Speaker



Dr. Brian Sinclair



SAN ANTONIO "ONE OF AMERICA'S FOUR UNIQUE CITIES" — The downtown skyline of the nation's 11th largest city has changed considerably in recent years with the addition of several hotels and the Tower of the Americas. Now the third largest city in Texas, San Antonio has maintained its old world charm and international flavor.

PHOTO COURTESY: San Antonio Convention & Visitors Bureau

CONFERENCE COMMITTEES

General Program
Dr. David T. Bechtol

Exhibit Manager
Dr. Samuel Hutchins III

Local Arrangements Co-Chairmen
Dr. Wallace Larson
Dr. Joe Gray Peeples

Ladies Activities
Mary Bechtol
Yvonne Peeples
Barbara Wright

Assisted By
Charles Huff, Executive Director
Texas Veterinary Medical Association

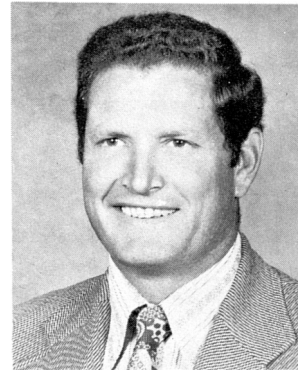
Dairy Section
Dr. Leon D. Weaver
Dr. Verne Scott

Cow-Calf Section
Dr. Joe Bitter
Dr. Ed Avery

Feedlot Section
Dr. Dallas Horton
Dr. Rodney Oliphant

Seminar Chairmen

Milk Quality	Dr. James A. Jarrett
Bovine Nutrition	Dr. Robert H. Keith
Therigenology	Dr. Edward Mather
Toxicology	Dr. W. Eugene Lloyd
A.V.C.	Dr. Ned Brown
Wet Clinic	Dr. Wallace Larson Dr. Joe Gray Peeples



Dr. David Bechtol



Mrs. David Bechtol



Dr. Wally Larson



Dr. Joe Peeples



Mrs. Joe Peeples

Welcome From Local Arrangements Chairpersons

Welcome to San Antonio, a charming and fascinating city, arranged beneath the transparent sky of the Texas Hill Country. Contrasting the many decisive marks of modernity is a collage of rich heritage and a true spirit of fun.

San Antonio's Southwest Texas location is within 150 miles of the Mexican border to the west and the Gulf of Mexico to the south. Austin, the state capitol, and "LBJ's" Hill Country home are 1½ hours by car. San Antonio is built around a mile-long river that was used as a watering spot in the 18th century, but now meanders past lush greenery, swinging night spots, lovely restaurants, quaint boutiques and some of the friendliest people you'll ever meet. Sunny afternoons and mild evenings are ideal for a stroll down the river or you make take a leisurely ride aboard a river taxi.

Hemis Fair Plaza, site of the 1968 World's Fair, and the imposing 750-foot Tower of the Americas (a revolving restaurant) is within walking distance of the hotels and adjoins the convention center.

Plan to come early and stay late — the weather is usually warm, entertainment abounds, and history was made in San Antonio and the surrounding area. For your convenience, we will have a professional tour guide stationed in the hospitality room at the convention center. She will tell you where, when, and how to go — to see the most in the least amount of time.

Hasta La Vista.

Dr. & Mrs. David Bechtol
Dr. Wally Larson
Dr. & Mrs. Joe Gray Peeples

SPOUSE PROGRAM

Tour I — Wednesday, November 28

Local Arrangements tour guides will meet the guests at 1:00 p.m. and proceed to the Witte Museum. A special attraction at the Witte is the "San Antonio I . . ." exhibit, which combines displays of the city's early commerce, military, ranching, and life-style activities with a six-image slide presentation about San Antonio's history and contemporary scene. The unique gift shop, located just off the main entrance, offers a fine assortment of pottery, jewelry, publications, crafts and other gift items. After browsing through the Witte, the group will visit the Spanish Governors Palace and return to the hotel by 4:00 P.M.

Cost per person: \$9.00.

Tour II — Thursday, November 29

Local Arrangements tour guides will meet the guests at the lobby of the Hilton Hotel at 9:30 A.M. and begin the tour with a pleasant drive to Mission San Jose, the "Queen of the Missions", established in 1720 and noted for the famed "Rosa's Window" which is thought to be one of the finest pieces of Spanish colonial ornamentation in America. A drive through Fort Sam Houston and the Quadrangle on the way to lunch at Los Patios, a garden-type restaurant, nestled on the banks of Salado Creek. After lunch a visit to the Steves Homestead in the historic King William Area and a stop at El Mercado for shopping. Back to the hotel by 3:00 P.M.

Cost per person: \$18.00.

Tour III — Friday, November 30

Local Arrangements tour guides and guests leave the Hilton at 9:00 A.M. for a visit to Castorville, the Alsatian town nearby, to visit three of the homes and the church. Then back to San Antonio for lunch at the Southwest Craft Center, the old Ursuline Convent, now a creative art school. Visit the fabulous gift shop where local art and crafts may be purchased. Back to the hotel by 3:00 P.M.

Cost per person \$22.00.

Tour IV — Laredo Day, Saturday, December 1

Is a Mexican border town really flashing smiles, brilliant colors, great shopping, the music of the mariachis and marvelous food? YES, and we will take you there. This is an all day affair (9:00 A.M. to 7:00 P.M.) — three hour bus ride one way but snacks and anticipation of the day will make the miles fly. Lunch, a little shopping and a speedy trip back to San Antonio.

Cost per person \$30.00.

This includes all transportation and admittance fees, lunch, guides, tax and gratuities.

Tour V — December 1-5

Brochure sent to AABP members. Make reservations directly with

Global Enterprises, Inc.
Post Office Box 1353
Austin, Texas 78767
(512) 477-6763

Puerto Vallarta!

This beautiful village is located in the State of Jalisco on the lower slope of the occidental mountain range, in an enormous bay with a horseshoe shape. PUERTO VALLARTA is rapidly approaching popularity on a par with Acapulco. The scenic setting is magnificent, with towering jungle clad mountains almost pushing the little town into lovely Banderas Bay, and wide Sandy Beaches stretching out on either side of the town. This is a very popular winter resort with Americans, and there is a colony of seasonal residents who live in what is called "Gringo Gulch" along side the River Cuale which divides the town in two sections. It was founded long before the Conquest as various archeological sites have proved, more precise information dates from 1852 when it was given the name of Puerto de Penas.

It is said that by the sides of the river, mules loaded with gold came down from the Real del Cuale mines, that during the first years of their founding the Spaniards had several fights with the local Indians, and during the Maximilian empire they had to fight with his troops, after this, Mexican Revolution appears with brief battles. On May 31, 1918, the name was changed to Puerto Vallarta in honor of the governor of the state Don Ignacio L. Vallarta. Hollywood discovered it in 1962 and found in the exotic and beautiful Mismaloya the place for the filming of the "Night of the Iguana". Puerto Vallarta is blessed, like few places in the world with an ideal tropical climate (mean annual temperature of 80°F, water temperature 75-85°F), miles of wide open beaches and lush jungles that run down right into the ocean

in some places. New hotels spring up and suddenly, the village sparkles with excitement; boating and sailing and hunting and deep sea fishing.

Fiesta Dinner Playhouse Wednesday, November 18

Local Arrangements, Inc. tour guide will meet the guests in the lobby of the Hilton Palacio del Rio at 5:30 P.M. and provide a double decker English bus for the ride to Fiesta Dinner Playhouse, for dinner and play. After the performance transportation back to the hotel will be provided.

The play is "My Daughter, My Son" with June Allyson.

Cost per person \$22.00.

This cost includes transportation, guide, dinner (exclusive of alcohol, play tickets and gratuities). Payment is due two weeks in advance.

Texas Fun La Villita Assembly Hall Thursday, November 29, 6:30 P.M.

Cost per person \$17.00.

Fiesta De San Antonio presents A Night of Old San Antonio

Mexican food buffet with 13-14 different foods plus dip tables and relish trays.

Party favors.

Strolling Mariachi band during the dining hours.

Finest Western band in South Texas playing for your dancing pleasure.

FUTURE AABP CONVENTIONS

- | | |
|------|--|
| 1980 | Toronto, Canada-Sheraton Center Hotel,
November 19-22 |
| 1981 | Seattle, Washington-Olympic Hotel, December 8-11 |
| 1982 | Nashville, Tennessee-Opryland Hotel,
November 30-December 3 |
| 1983 | Oklahoma City |



BOOK REVIEW

James Herriot's Yorkshire
with photographs by Derry Brabbs

James Herriot writes about the dales and vales and the hardy, genuine people who farm in his beloved Yorkshire.

With photographer Derry Brabbs, James Herriot revisits the places which has formed his life and where the stories in his book were born. He shows us the snowy hills where he had to hold on to a horse's tail to climb up to his patient, the little wooden village institute where he and Helen went dancing, the glorious moors and bracing, windy beaches where they played with their children.

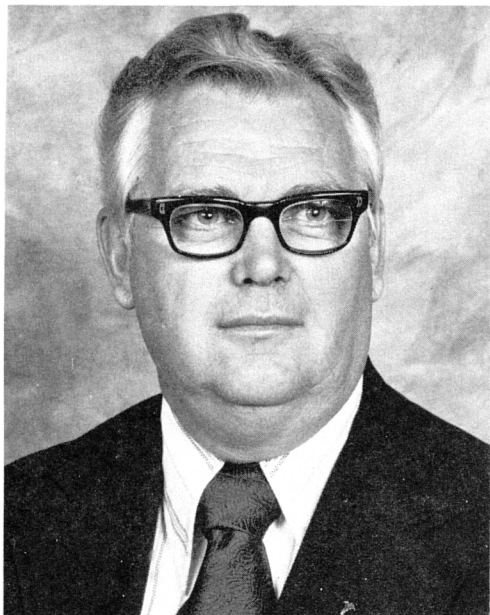
Readers from all over the world have written James Herriot, "I wish I could see the places you write about". In company with Derry Brabbs, his "Yorkshire" is now available in a beautifully illustrated 240 page hard cover book, published by St. Martin's Press, 175 Fifth Avenue, New York, N.Y. 10010 and at bookstores.

I cannot think of a better Christmas present: Editor.

AABP Officers

President

John L. Noordsy, D.V.M.
Manhattan, Kansas



Dr. John L. Noordsy, Manhattan, Kansas, is a native of South Dakota. Dr. Noordsy received the D.V.M. degree from Kansas State University in 1946 and the M.S. degree from the same institution in 1962. He spent 12 years in private practice at Marion, South Dakota, before joining the Department of Surgery and Medicine, Kansas State University, in 1960. He is presently professor of surgery and assistant dean. He has presented several papers at local, national and international meetings on food animal surgery and bovine metabolic diseases. Dr. Noordsy was the program chairman for the Baltimore convention. He is a member of the AVMA Council on Veterinary Practice and committee on Animal Technical Activities and Training (CATAT). Dr. Noordsy and his wife, Pat, have three children; Tom, a practicing veterinarian, Jill, a registered nurse, and Terry a licensed radiological technician. All the children are married. There are five grandchildren.

A Message From the President

Recent figures indicate that the American Association of Bovine Practitioners is now the largest specialty group (active membership) of the American Veterinary Medical Association. Thus as the largest organization of active members, we are looked upon for leadership; let us accept that charge!

In this day of predicted practitioner surpluses, lower dollar values, increased production costs and energy deficiencies, the challenge of being a successful food animal practitioner in an economic world becomes very acute. Past history has proven that the bovine practitioner not only can accept the challenges, but can advance the profession to even higher levels of efficiency and production through research, undergraduate & graduate education and continuing education. Conventions such as the proposed "12th Annual" is a classical example of continuing education with the variety of in-depth seminars, section specialty papers,

discussions, etc.

The theme of this year's "12th Annual AABP Conference" is "A Changing Profession Serving a Changing Agriculture." Dr. David T. Bechtol and his program committee have proposed a meeting which exemplifies the total leadership of the AABP in its attempt to meet the challenge of a changing agriculture. Dr. Dave's committee has utilized the input of our membership's critiques more than ever to plan a meeting that has the promise of the best ever. You as members have told us what you want; Dr. Bechtol's committee has attempted to implement your requests.

Welcome to San Antonio! Let us as a strongly united AABP provide the leadership in food animal production and disease control by learning, advocating and practicing 1979-1980 medicine and surgery.

Best wishes to each of you! I'll see you in San Antonio!

J. L. Noordsy, D.V.M.
President

President-Elect

David T. Bechtol, D.V.M.
Canyon, Texas

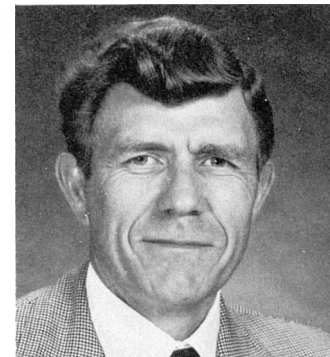


Dr. David T. Bechtol, Canyon, Texas received the D.V.M. degree from Texas A&M University in 1965. He has been District 8 representative on the AABP Board of Directors since 1975. Born in Amarillo, Texas, Dr. Bechtol was engaged in equine practice for a year and from 1966-1974 he was engaged in general practice and later in swine consultation. At present he is a feedlot and swine consultant. Dr. Bechtol is a past president of the American Association of Swine Practitioners and of the Academy of Veterinary Consultants. He is a member of the AVMA, Texas Cattle Feeders Association and the American Society of Agricultural Consultants. He is President, Texas VMA. Dr. Bechtol is the program chairman for this year's convention in San Antonio.

Dr. and Mrs. Bechtol have three children: Gayla, Carla and Paula.

Vice President

Jack F. Cote, D.V.M.
Guelph, Ontario, Canada



Dr. Jack Cote was born in Guelph, Ontario in 1929, the son of Dr. Frank Cote, a practicing veterinarian and faculty member in the small animal department at the Ontario Veterinary College.

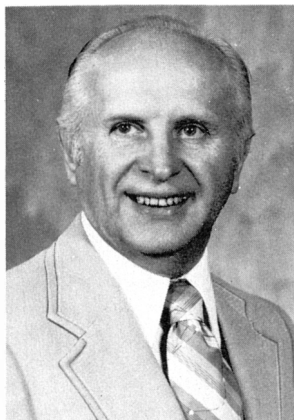
Following graduation from O.V.C. in 1951 Dr. Cote joined a large animal practice in Stouffville, Ontario. In 1953 he helped establish the ambulatory clinic at the Ontario Veterinary College and has been a clinician on ambulatory since then with the exception of one year in dairy practice in 1963 with Dr. Bill Gray in Newton, New Jersey. He is presently a professor in the Department of Clinical Studies at the University of Guelph. His main interests are dairy herd health and metabolic diseases and equine medicine and reproduction. Dr. Cote was A.A.B.P. director for District 12 from 1975 to 1977.

Dr. Cote and his wife, Dolores have two sons and two daughters. They live on a 160 acre farm at Rockwood, Ontario where they raise and train Standardbreds.

Dr. Cote has served for several years as trustee on Wellington county School boards and as Chairman of the Board of Bishop Macdonell High School, Guelph.

Executive Secretary-Treasurer

Harold E. Amstutz,
D.V.M.
W. Lafayette, Indiana
President, World
Association for Buiatrics
and Alternate Delegate
to the AVMA

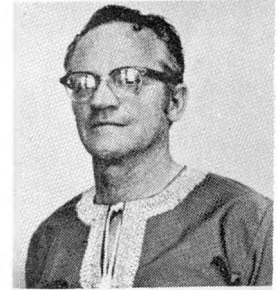


AVMA Delegate and AABP Advertising Manager

Leland C. Allenstein,
D.V.M.
Whitewater, Wisconsin

New Directors

Kenneth W. Benson, D.V.M., (Cornell '48), Bainbridge, New York is the new director for District 1. Dr. Benson was born in Sharon, Connecticut, and spent his youth on a dairy farm in New York State. Served in the U.S. Navy during World War II. Worked for several practices in New York and Connecticut and Maine before establishing his practice in Bainbridge in 1949. He married Dr. Jane Whallon (Cornell' 1947) in 1948 and they have practiced together since. In 1968-69 the Benson family were in Ghana, West Africa where Dr. Kenneth was a senior research Fellow at the University of Ghana. The Benson practice is 80% dairy and Dr. Jane operates a small animal clinic. Dr. Benson is a member of the AVMA, N.Y.S. VMA, Past President Catskill Mountain VA. He is also a member of AABP, AAEP and an active Rotarian-Past District Governor of District 717. Former member of Bainbridge Village board. Dr. and Mrs. Benson have eight children.



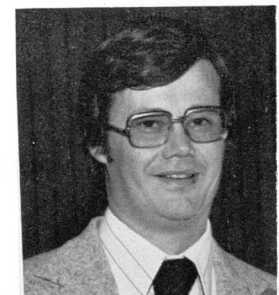
Jack S. Britt, D.V.M., Russellville, Kentucky is the new Director for District 4. Dr. Britt was raised on a 400 acre 100 cow dairy farm in Warner County, Kentucky. He received a B.S. degree in Agriculture from Western Kentucky University and the D.V.M. degree from Auburn University. Dr. Britt is a member of the Logan County Animal Clinic with Drs. J.C. Lockett and T.E. Hatchett which is a mixed practice with 75% food animal. His primary practice interests are herd health and mastitis control. Dr. Britt operates the 100 cow J & W Dairy. He is a member of the Board of Directors of the National Mastitis Council. His hobbies are dairying and flying. Dr. Britt and his wife, Kathy, have 3 sons, David 8, Andy 5 and Matt, 2.



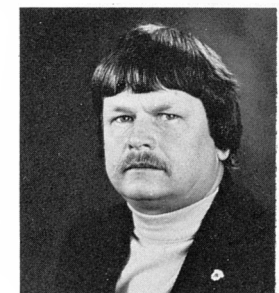
Richard H. Spencer, D.V.M., Scott City, Kansas is the new Director for District 7. Dr. Spencer is in practice at the Spencer-Randall Veterinary Clinic, Scott City with four associate veterinarians. The practice is mixed with a large feedlot area. Dr. Spencer received the D.V.M. from Kansas State University in 1946. He was a captain in the Army Veterinary Corps for 28 months and has been in Scott City for 31 years. Dr. Spencer is a Past-President of the Kansas VMA and was named Veterinarian of the Year in 1970. He is a member of the AVMA, AABP, Academy of Veterinary Consultants and the Kansas Board of Veterinary Medical Examiners. Dr. Spencer is chairman of the Board and Hi-Plains Enterprises, Kansas (a feedlot with about 35,000 capacity). He has participated in several state and national programs on feedlot diseases.



Edward M. Shacklady, D.V.M., Oketoks, Alberta, Canada is the new Director for District 13. A native of Ontario, Dr. Shacklady graduated from Ontario Veterinary College in 1972 and moved to Oketoks to join a mixed practice. He has served as council member of the Alberta VMA since 1976 and president this year. Dr. Shacklady is a past president of the Chamber of Commerce and a director of the Lions Club and Elks Club. He plans to organize District 13 to obtain representatives from Manitoba, Saskatchewan, Alberta and British Columbia Large Animal Practice Committees to act as a planning committee for District 13. Dr. Shacklady and his wife, Lynda have two daughters; Karen and Joanne.



George E. Washington, D.V.M., Purcellville, Virginia is the new director for District . Dr. Washington was born and raised in Lovettsville, Virginia. He received the B.S. degree in Animal Science from Virginia Poly Technical Institute in 1962 and the D.V.M. degree from the University of Georgia in 1966. He served in the U.S. Army Veterinary Corps from 1966 until 1968, when he entered practice in Purcellville where he is now the senior member of a 3 person large animal practice. Dr. Washington does mostly dairy herd health work. Dr. Washington and his wife, Arlene, have a son, Phillip and a daughter, Lisa.



1979 AABP Conference Exhibitors



Samuel Hutchins, III,
D.V.M., South Barre,
Vt., Chairman, Exhibits
Committee and
AABP Director,
District I.

EXHIBITS-Exhibit Hall

Please remember our exhibitors are supporting us at this meeting in a major way. Let's visit their booths and show them we appreciate their support. Visit them anytime they are open but especially during the two luncheons in the area.

Abbott Laboratories
CAPD, Dept. 44A, R1B, 3rd Fl.
14th & Sheridan Rd., N. Chicago, IL 60064
Booth 75

Abbott representatives will be present to provide information regarding Abbott's new treatment for bovine Cystic ovaries—Cystorelin® (GnRH) and other Abbott Veterinary Products—antibiotics, I.V. Fluids & Fluid Administration equipment.

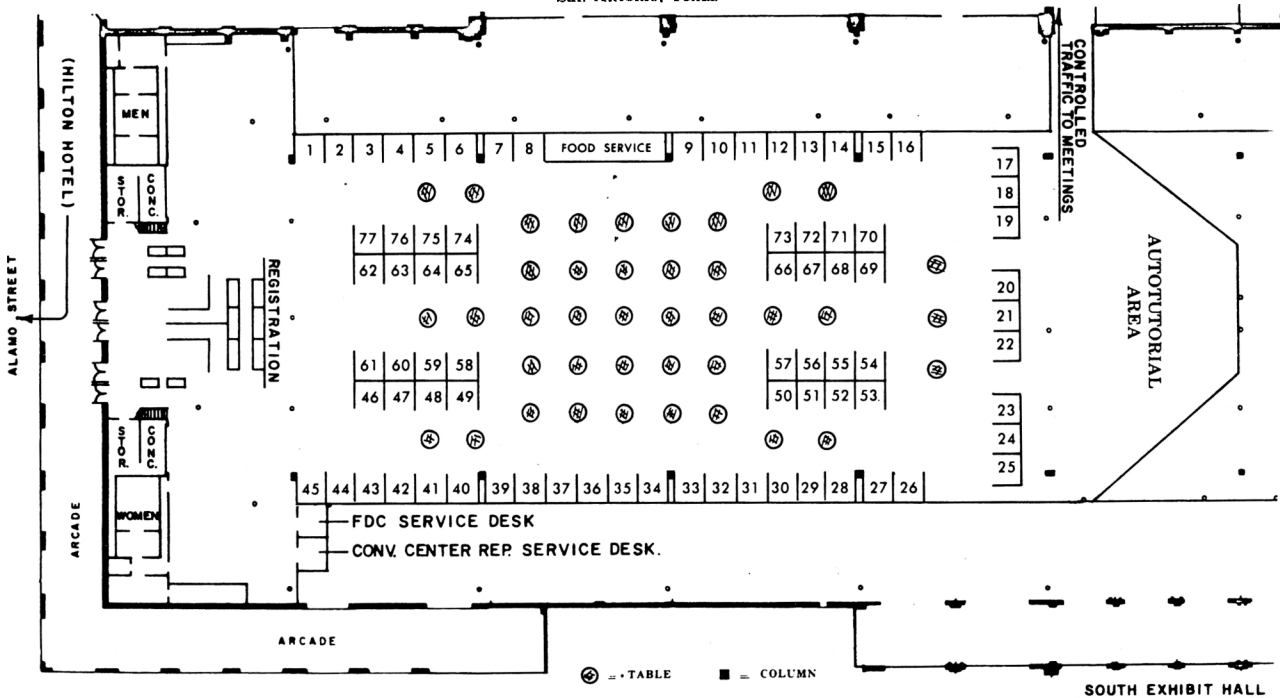
Ag-Tek Division/Kane Enterprises
P.O. Box 360
Sioux Falls, SD 57101
Booth 70

Displaying the AG-TEK line of Veterinary Specialty Products.

Albion Laboratories, Inc.
101 N. Main St., P.O. Box 750
Clearfield, UT 84015
Booth 11

Albion Laboratories will be presenting a complete line of nutritional supplements incorporating amino acid chelate minerals backed by 15 years of research and a new diagnostic program for dairy cattle.

AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS 1979 Convention November 28 - December 1, 1979 San Antonio, Texas



SAN ANTONIO CIVIC CENTER
77 Booths — 10 feet deep X 10 feet wide

AABP Exhibitors Calendar — 1979

Deadline for space applications and exhibit description	August	1
Final payment for space	September	15
Begin move-in, set-up 10 a.m.	November	28
Exhibits set up and ready for inspection by 8 p.m.	November	28
Exhibits open 8 a.m.	November	29
Exhibits close 1 p.m.	December	1
Dismantle, clean-up and out by 10 p.m.	December	1

American Cyanamid
P.O. Box 400, Princeton, NJ 08540
Booth 66 and 67

Cyanamid's Professional Veterinary Pharmaceuticals exhibit will feature RIPCOPOL L® Injectable Solution, S.E.Z.® Controlled Release Sulfonamide, BO-ANA® Pour-On insecticide for grubs and lice, AUROVET® feed premixes, and DEXON® synthetic absorbable sutures. Cyanamid marketing and technical service personnel will be on hand throughout the show.

American Hoechst Corp/Animal Health Division/National Laboratories
Rt. 202 - 206, N., Somerville, NJ 08876
Booth 74 and 19

Stop at our booth and pick up latest information regarding udder edema in dairy cows.

Animal Nutrition, Inc.
6608 West Main, Belleville, IL 62223
Booth 55

Representative of Animal Nutrition, Inc. will be present to answer questions and describe our nutritional service. The incorporation of a nutritional service into Total Herd Health Programs is being accomplished by an ever-growing number of Veterinarians. ANI provides an exclusive ration formulation and nutritional consultation service to the large animal veterinarian; and prides itself in being the originator and leader in this field.

/Babson Bros. Co.
2100 S. York Rd., Oak Brook, IL 60521
Booth 20, 21, 22

Milking machinery and dairy farm equipment.

Beecham Laboratories
501 Fifth St., Bristol, TN 37620
Booth 9 and 10

Beecham will feature bovine biologicals including NASAMUNE®-IP, LEPTOMUNE®-5 and ULTRABAC®-7; ORBENIN-DC® (sterile Benzathine Cloxacillin for dry cows), DARICLOX® (Sterile sodium cloxacillin for lactating cows) and RE-SORB®, the totally absorbed nutritional supplement for calves.

Bio-Ceutic Laboratories
2621 North Belt Hwy., St. Joseph, Missouri 64502
Booth 63

Responsiveness means progress. Visit with our technical staff and learn of the newest vaccine developments in the industry...products designed for the practicing veterinarian. Additional information on how Somnugen can be incorporated into your preventive program will be available. View the latest techniques in Biological production.

Bio-Zyme Enterprises, Inc.
Box 428, St. Joseph, MO 64504
Booth 60

Bio-Zyme products, thru the Vita Ferm System, represent sixteen years of development in the fermentation process to improve the nutrition of animals. Our products compliment the available feed supply and serve to protect against deficiencies and to improve the efficiency of the animal.

Bowie Manufacturing, Inc.
313 S. Hancock, Lake City, Iowa 51449
Booth 50, 51, 56, 57

Bowie Mfg. will have on display two units from their 1980 line of mobile veterinary clinics. Stop by our booths and visit with our representatives about your practice and the model which will best suit your needs.

Brae Laboratories
1401 S. 3rd St., P.O. Box 266, Terre Haute, IN 47808
Booth 6

Brae Laboratories will feature Ralabot®, Brand of Zeranol, an implant for beef cattle that has gained remarkable acceptance by the livestock industry, technical representatives will be present to discuss the product and its use.

Bristol Laboratories
P.O. Box 657, Syracuse, NY 13201
Booth 43 and 44

Bristol Laboratories is proud to display its fine line of ethical mastitis products. Representatives will be available to answer any questions you might have.

Burns-Biotec Laboratories, Inc.
P.O. Box 3113, Omaha, NE 68103
Booth 46

Diversified product line will be on display for explanation by competent technical and field personnel. Literature for large animal practitioners will be available and information provided on specialty products such as Bo-Se, Mu-Se, B-B PAC and B-B PAC-P. Requests for a complimentary copy of "Selenium-Tocopherol, A Biomedical Summary for Veterinarians" will be filled.

Dairy Equipment Co.
P.O. Box 8050, Madison, WI 53716
Booth 31, 32, 33

Bou-Matic System 2000 - labor saving dairy automation that can monitor, display, record, and store dairy herd production data. New Electronic Channel Recorder, Mastitis Detector, 600 CFM Air Injector System, Vacuum Regulator System.

The De Laval Separator Co.
5724 N. Pulaski Rd., Chicago, IL 60646
Booth 4

Dairy Equipment featuring the latest in electronic milking system testing equipment. A working model of the testing equipment will be on display.

Diamond Laboratories, Inc.
P.O. Box 863, Des Moines, IA 50304
Booth 71, 72

Diamond Laboratories, Inc. will be presenting their complete line of large animal products including Respacell™ Vaccines, Synovex® implants and Amijex 1250.

Fort Lodge Laboratories
800 5th St., N.W., Fort Dodge, IA 50501
Booth 61

Fort Dodge Laboratories invites you to come by and visit our booth where we will be showing our entire line of cattle products. Of special interest are our new Killed virus vaccines and our complete line of electronically produced "Bio-Ferm™ Clostridial" Bacterins.

For-Most, Inc.
Box 322, Hawarden, IA 51023
Booth 16

We will be exhibiting our Model 300 Portable Squeeze Chute with Model 30 Holding Stanchion. We will also be showing our Model A25 Self Catcher and Model 21R Holding Stanchion, with optional Model 10T Head Table and Nose Bar Assembly.

Germania Dairy Automation
606 Cooper Rd., Waunakee, WI 53597
Booth 14

Germania is demonstrating three key features of its totally automated milking system. One, all-air operated automatic take-off unit of the arm type; two, an all-air operated massaging stimulator which forcefully massages all four teats for the first 60 seconds of milking; and three, a fully automatic and operator independent claw backflush system. The Germania backflusher disinfects the claws and teat cups with a 25 p.p.m. iodine solution with a subsequent clear water flush.

Hamilton Pharmacal Company
P.O. Box 1386, Shawnee Mission, KS 66222
Booth 35

All Hamilton veterinary products applicable for bovine use are on display. Several new products just being introduced are also featured with descriptive literature.

Haver-Lockhart Laboratories
P.O. Box 390, Shawnee Mission, KS 66201
Booth 54

Haver-Lockhart will display their complete line of biologicals and pharmaceuticals for Bovine Practitioners.

Hoffman-La Roche Inc.
340 Kingsland Rd., Nutley, NJ 07110
Booth 5

Roche Chemical Division, Hoffmann-La Roche Inc. provides Albon® (sulfadimethoxine) for treatment of shipping fever complex, bacterial pneumonia, foot rot and calf diphtheria in cattle. It is available in a variety of convenient dosage forms to meet specific therapeutic needs, including Albon Injection 40%, S.R. Sustained Release Bolus, "Regular" Boluses, 12.5% Drinking Water Solution and Soluble Powder. Additionally, Inajcom® Injectable Vitamins A and D3 and Inajcom 100 Injectable Vitamins A and D3 + B-Complex are recommended for prevention or correction of specific vitamin deficiencies in cattle to allow optimum performance.

Ideal Instruments Inc.
115 Fourth Ave., Needham, MA 02194
Booth 34

Veterinary Instruments featuring the Electrojac™ Electronic Ejaculator: the most advanced concept developed for artificial stimulation. The recently introduced Electrojac has been proven under actual field conditions. It is easy to use, portable, versatile and dependable. Providing quality semen samples and permitting complete examination during work-up and ejaculation.

International Multifoods
1200 Multifoods Bldg., 8th and Marquette Ave., Minneapolis, MN 55402
Booth 47

International Multifoods will exhibit OSBORN and TEVCO product lines which include parenteral fluids, nutritional products, sulfonamides, antidiarrheals, antibiotics and other products for the bovine practitioner. We cordially invite you to visit with us at Booth 47.

Jensen Salsbery
520 W. 21st St., Kansas City, MO 64108
Booth 68 and 69

This exhibit will include information and products pertaining to the treatment and prevention of diseases of large animals. Jen-Sal and Burroughs Wellcome products will be featured.

Jorgensen Laboratories
2198 W. 15th St., Loveland, CO 80537
Booth 76 and 77

Featuring the finest imported specialty instruments by Hauptner, Braun sutures in cassettes and suture with swaged-on needles in modern convenient packaging. See the Hercules Zig-Zag Fetal Extractor, the new Utrecht fetatome, the latest in economical endoscopes and our complete line of nylon dose syringes.

Lane Manufacturing Inc.
5560 East Pacific Place, Denver, Co 80222
Booth 18

Our exhibit this year will feature the Pulsator III, electronic ejaculator, other items for bull evaluation are the Scrotal Tape and Foote Tonometer. Also on display will be the Dr. Franks Calf Puller, Latex O.B. Sleeve and Glove and Cole Endotracheal Tubes.

Little Giant Industries
31 South 100 West, American Fork, UT 84003
Booth 26

Little Giant Telescoping aluminum ladder will be featured.

Merck Animal Health Division
P.O. Box 2000, Rahway, NJ 07065
Booth 64 and 65

Professional Veterinary Products, Merck Animal Health Division, invites all veterinarians to visit our exhibit and discuss our complete line of worming products. Our trained and experienced personnel will be available to discuss other areas of mutual interest, including bovine coccidiosis and antibacterials.

NASCO
901 Janesville Avenue, Fort Atkinson, WI 53538
Booth 73

Nasco supplies many small veterinary hand tools, including the Burdizzo emasculatomes, castrators, dehorners, magnets, balling guns, syringes, ear tags, show equipment, clippers, etc. We also feature artificial insemination equipment, rubber cow mats, plastic gloves and boots, Whirl Pak bags, tattoo equipment, and various other small equipment items. Copies of our catalog will be available, as well as our dealer catalog, which is available to professional veterinarians. We will have in our booth Cap-Chur equipment including all three projectors, syringe samples, etc.

Norden Laboratories
601 West Cornhusker Highway, Lincoln, NE 68521
Booth 1 and 2

Norden's extensive line of cattle products features "Calf-Guard" rotacoronavirus calf diarrhea vaccine approved for IM vaccination of cows to confer maternal immunity in calves. Other Norden products include "Spanbolet II" sustained release sulfa bolus, "Life-Guard" oral nutrientelectrolyte, "Sulkamycin-S" calf scour/pneumonia bolette, "Vibrin" vibriosis bacterin, multi-valent leptospirosis bacterins, and a full line of injectable bovine respiratory vaccines.

Pioneer Veterinary Supply
2103 Vasket Lane, Houston, TX 77092
Booth 30

Pioneer/Veterinarian Specialties/MVS. The recent combination of Veterinarian Specialties, Pioneer Vet Supply, MVS, each having been a major factor in their respective markets for over 20 years, has resulted in a distribution network covering over 12 states. In addition to distributing all major national brands of biologicals, pharmaceuticals, instruments, and equipment, we carry many exclusive or semi-exclusive labels in order to offer the practitioner a broader selection of formular, packaging, and price. Sales representatives from all three companies will be available to answer any questions you might have.

Pitman-Moore, Inc.

Box 344, Washington Crossing, NJ 08560
Booth 45

Pitman-Moore, the Veterinary Division of Johnson & Johnson, is celebrating 80 years of service to veterinarians. You are cordially invited to visit us in our new booth where our complete line of bovine products will be displayed. We look forward to seeing you.

Porta-Vet Industries

110 Wood St., Hudson, IA 50643
Booth 58 and 59

Porta-Vet Industries will again be exhibiting a veterinary mobile unit with the economy minded practitioner in mind. See what's new for the Eighties.

Powder River Enterprises

P.O. Box 758, Provo, UT 84601
Booth 8

Powder River has been manufacturing America's foremost line of equipment for over forty years. If you need it, we've got it...gates, panels, chutes, ramps, alleys...and quality you can depend on. As long as livestock remains a part of agriculture, Powder River will be there playing a current and key role in the handling of livestock.

Rachelle Laboratories, Inc.

700 Henry Ford Ave., Long Beach, CA 90801
Booth 23

Rachelle will feature products produced from three broad spectrum antibiotics; chloramphenicol, tetracycline hydrochloride and oxytetracycline hydrochloride.

W. B. Saunders, Co.

W. Washington Sq., Philadelphia, PA 19105
Booth 7

Saunders will have on display an up-to-date selection of their Veterinary Medical books. Our representative will be on hand to help with your selection.

Schering Corporation

Galloping Hill Road, Kenilworth, NJ 07033
Booth 3

Schering invites all members and guests of the convention to visit our exhibit. Professional service representatives will be on hand to answer specific questions about NAQUASONE® as well as other outstanding products in the Schering line.

E. R. Squibb & Sons, Inc.

P.O. Box 4000, Princeton, NJ 08540
Booth 40

E. R. Squibb & Sons, Inc. has long been a leader in the development of new therapeutic agents and equipment for the prevention and treatment of diseases. You are cordially invited to meet our pharmaceutical representative who will be available at our exhibit to discuss our full line of products including VETISULID, PRINCILLIN, ANTIBIOTICS, RECOVER AND FOLLUTEIN.

Tech America

P.O. Box 338, Elwood, KA 66024
Booth 52 and 53

Tech American — the name that means business to your profession, with Med-Tech offering the most complete line of quality veterinary pharmaceuticals, equipment and instruments, and Dellen, providing tested and proven biologic products, such as the popular Singer-Strain BVD vaccine available alone or in combinations, through your local ethical distributors.

3M - Animal Care Prod.

Bldg. 555 - 2S, St. Paul, Minn. 55101
Booth 13

We welcome all attendees to visit our exhibit. Our personnel will be displaying 3M Brand Teat Shield™ - A dip to prevent coliform mastitis.

Tower Manufacturing Co., Inc.

P.O. Box 32336, San Antonio, TX 78216
Booth 12

Tower Manufacturing Company, Inc., introduces the hand held, WSL Nitrospray Cryosurgical Units. They are insulated, compact, mobile and capable of being used in any clinical setting to treat lesions that are responsive to cryosurgery. Luer Lock head permits rapid and easy substitution of the many spray tips, probes and other attachments which are readily available from Tower.

Tutag Pharmaceuticals

2599 W. Midway Blvd., Broomfield, CO 80020
Booth 38

Tutag Pharmaceuticals will be exhibiting their line of ethical pharmaceuticals. Please stop by our booth and discuss with our representatives those products that may be of interest to you.

The Upjohn Company

Dept. 9510-190, 7000 Portage Rd., Kalamazoo, MI 49001
Booth 62

Welcome to the 1979 AABP Convention and welcome to the Upjohn Company veterinary products exhibit. Our representatives are on hand to discuss with you The Strong Red Line of Upjohn Veterinary Products and how they can be used in your health-care programs. Detailed information on these products is also available for your use. We look forward to seeing you.

Veterinary Concepts, Inc.

P.O. Box 7, Spring Valley, WI 54767
Booth 36 and 37

Veterinary Concepts will be displaying plastic disposables and diagnostic products for the bovine practitioner. VCI will feature Squeeze-Jets™, Shyr Milk Tube, teat tubes, plastic gloves, and pipettes. Diagnostically, one can find no better culturing media than the Bullseye Culture Plate™. Cost and time reducing blood chemistry reagents will be demonstrated.

Veterinary Practice Publishing Co.

No. 7 Ashley Avenue, South, P.O. Box 4457, Santa Barbara, CA 93103
Booth 39

A new bimonthly professional journal, Bovine Practice, the Journal of medicine and surgery for the Food animal Practitioner will be introduced to the profession at the meeting. Editorial personnel from the journal will be at the booth to discuss the needs of the food animal practitioner in journal presentation. Bovine Practice will also be published in a Spanish language edition and visiting veterinarians from Spanish speaking countries are invited to visit and discuss their needs in a professional journal. Other products and services for the practitioner will be described and displayed for visitors to the booth.

Non Exhibiting Commercial Company

Univeral Miling Machine Division, Univeral Cooperative, Inc.
406 South First Avenue, Albert Lea, MN 56007



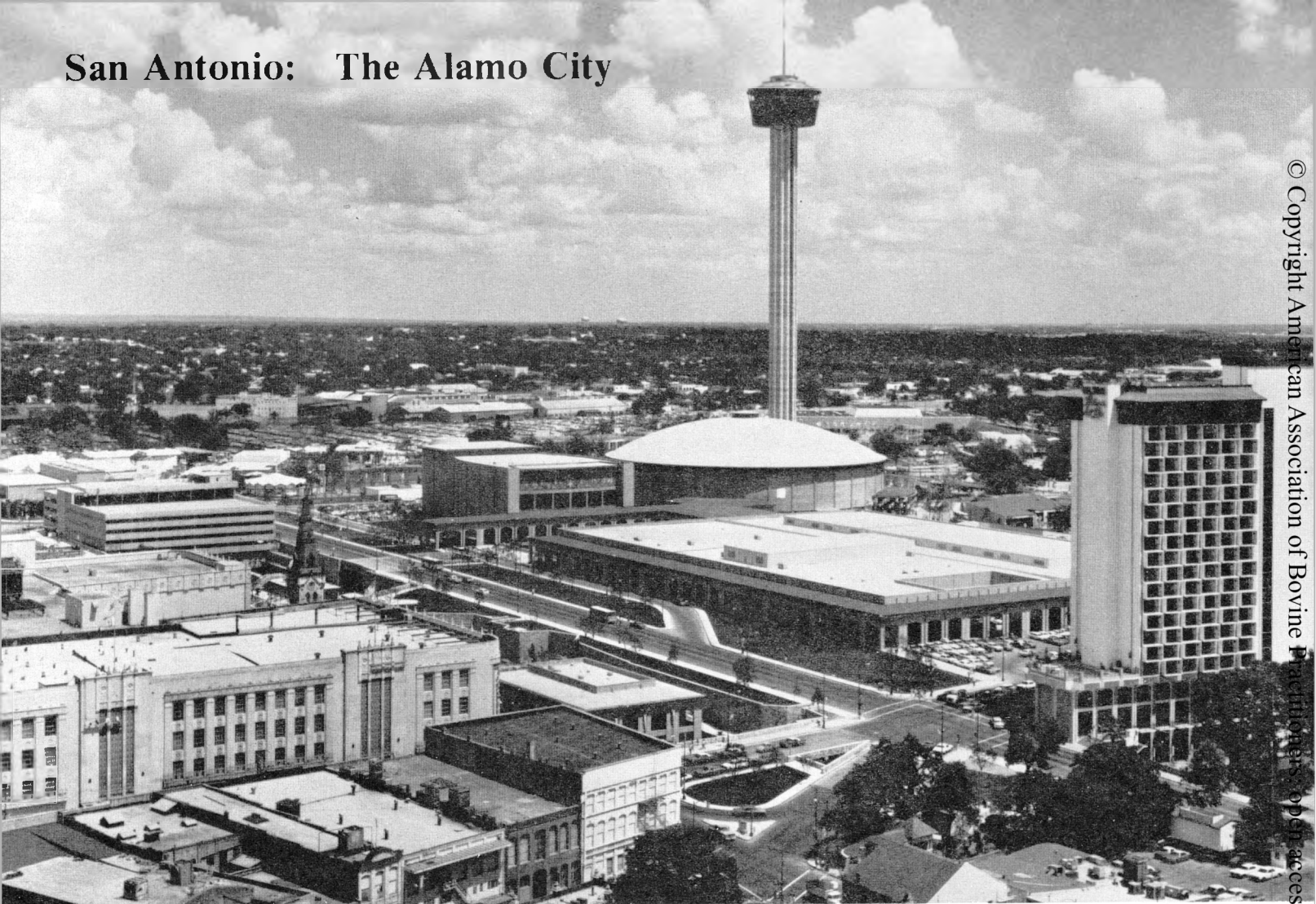
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Hilton Palacio del Rio, San Antonio — Headquarters for the 1979 AABP Convention will be the Hilton Palacio del Rio, which is a luxurious 500 room hotel built in the heart of San Antonio.

The Hilton Palacio del Rio is a luxurious 500 room hotel built in the heart of San Antonio. It rests on the banks of the San Antonio River, which slowly winds its way through the town and into all the hearts of those who visit. Just outside the Palacio del Rio doors on the west side lies the river and the gala of shops, restaurants, and night clubs that line her. On the Palacio del Rio's immediate east side lies the San Antonio convention Center and the grounds of the Hemisfair 1978 To the immediate south is La Villita Plaza. This 200 year old Canary Island Settlement boasts gift

shops, restaurants, and even an open air amphitheater. A stone's throw away to our north lies the Cradle of Texas Liberty—the Alamo and Alamo Plaza. The Hilton Palacio del Rio has two restaurants (the El Comedor Coffee Shop and the El Quetzal Steak House); four bars (Lobby, El Quetzal, Dirty Nelly's Irish Pub, and our newest addition—the Happy Burro Bar); our lobby drug store; and for elegant shopping, Frost Brothers. An open air pool is located on the fifth floor.

San Antonio: The Alamo City

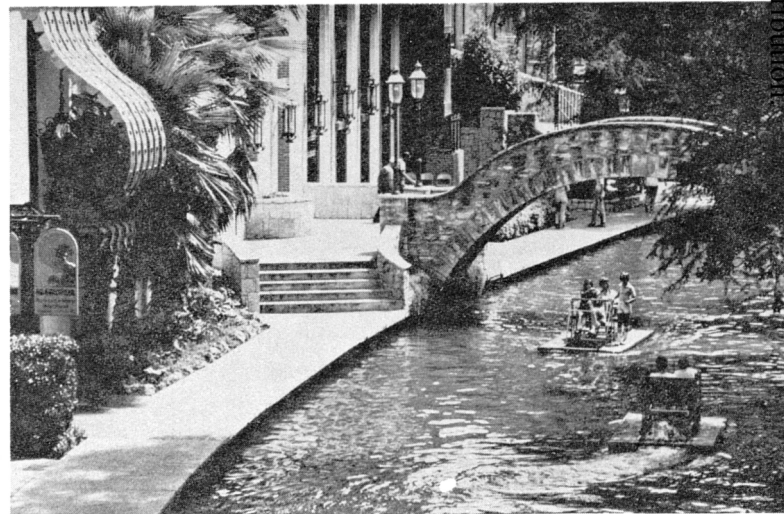


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CONVENTION CENTER—San Antonio's Convention Center complex, including a 2,800-seat Theater of the Performing Arts, the 16,000-seat Arena, and 200,000 sq. ft. of uninterrupted exhibit space, overlooks the Paseo del Rio. Conventioneers may ride a river taxi from their downtown hotel into the Convention Center by way of the beautifully landscaped river extension. The Convention Center is within walking distance of major hotels, restaurants, night clubs and shops which line the River walk. Photo courtesy of the San Antonio convention and Visitors Bureau, P.O. Box 2277, San Antonio, Texas 78298.

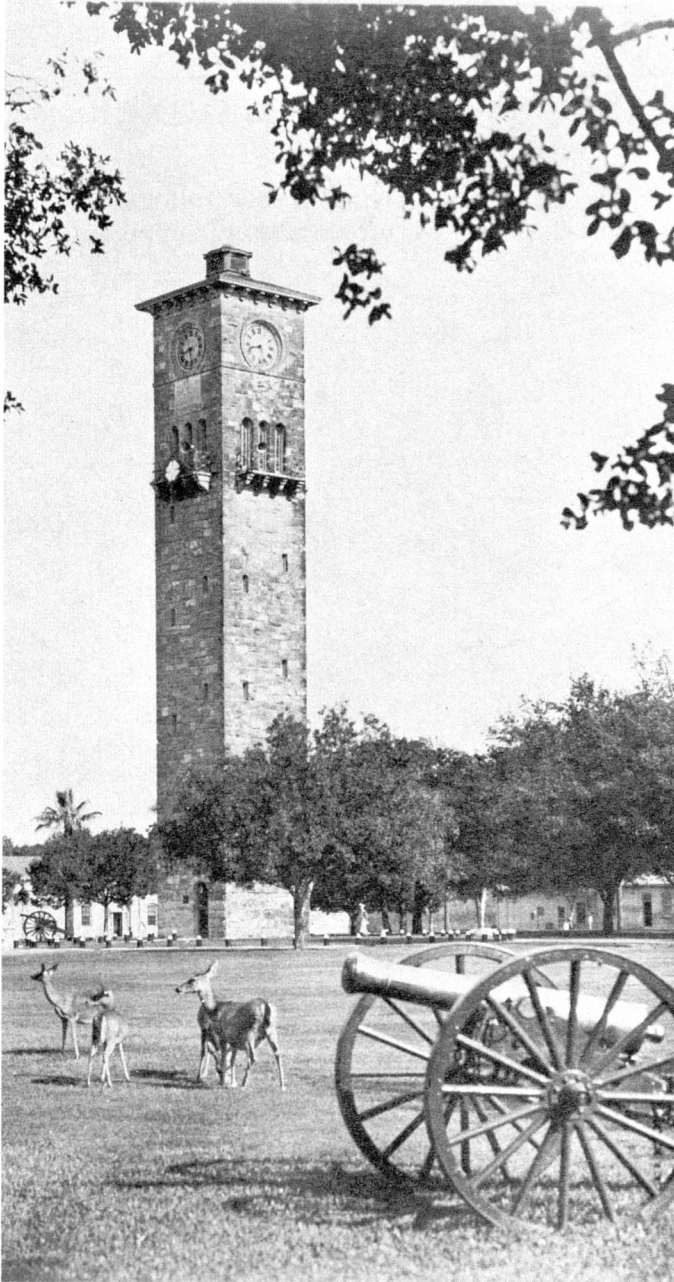
San Antonio . . . picturesque combination of Old World charm and modern city . . . has occupied the position of key importance in Southwest Texas for over two hundred fifty years. It is now the commercial and financial center of the empire of Southwest Texas — an area larger than the New England States and New York combined — and headquarters of the largest military establishment in the United States.

Founded as a fortress in 1718 by the viceroy of Spain, who wished a halfway post between the East Texas Missions and the Spanish Presidio of Northern Mexico, San Antonio was called the "Presidio de Bejar." Its accompanying mission, "San Antonio de Valero," founded the same year, later came to be known as the Alamo.



PASEO DEL RIO — The Downtown River Walk. Along the banks of the meandering San Antonio River is this picturesque shopping, dining and nightclub spa. In the heart of "One of America's Four Unique Cities" amid banana trees and passing sightseeing river taxis one can dine indoor or outdoor on continental cuisine such as Irish, Spanish, Italian, German and Mexican, plus sizzling Texas steaks.

PHOTO COURTESY: San Antonio Convention & Visitors Bureau



Quadrangle At Ft. Sam Houston

Mission San Jose de Aguayo was established in 1720. Colonists from the Canary Islands established the villa of San Fernando around what is now Main Plaza in March of 1731. On March 5, 1731, three new missions were founded in the area: Purisima Concepcion de Acuna (Originally established in 1716 near Angelina River in East Texas), San Francisco de la Espada (originated on the Neches River in 1721) and San Juan Capistrano (started in 1731 near Nacogdoches). For a time the missions prospered and expanded, then declined following secularization in 1793

and the waning of Spanish religious and political influence. But fresh impetus to the growth of the community, and of Texas, came from a colonization program carried out by Stephen F. Austin which brought a wave of Anglo-American immigration in the years 1821 to 1836. During this period, Texas was part of Mexico. Mexico had won its independence from Spain in 1821. By 1835, resentment against Mexican rule had grown to a point where San Antonio became the scene of armed revolt. In December of that year, Ben Milam and a small army took the city from Mexican General Cos. This defeat brought all Texans up in arms.

In February of 1836, Antonio Lopez de Santa Anna, president and dictator of Mexico, marched on San Antonio with an army of several thousand. Under the command of Colonel William B. Travis, a small band of 187 men defended the Alamo during a siege of thirteen days. They were finally overwhelmed on March 6, their deaths providing the spark which resulted in Santa Anna's defeat at San Jacinto the following month at the hands of General Sam Houston. Then San Antonio came under the rule of the newly formed Republic of Texas until 1845 and the annexation of Texas by the United States.

New prosperity came for the city after the Civil War. San Antonio became the center of a cattle empire. The cattle trails to Kansas flourished, and trade was brisk in hides, wool, and supplies. Industry came along with the railroads and great military establishments. Oil was found nearby. Between 1870 and 1920, the population grew from 12,000 to 161,000, establishing San Antonio as Texas' largest city at that time.

San Antonians proudly recall the founding of the first public school here in 1852; the newspaper "Western Texas" in 1853; the first street railway and electric lights in the late seventies and early eighties; the first telephone service in 1879. Prosperity, and civic spirit, brought the first Battle of Flowers Parade in 1891 - a tribute to President Harrison.

Today, in the shadow of skyscrapers and the Tower of the Americas, the San Antonio River winds its peaceful way, beside adobe houses built more than 200 years ago. The teeming city hurries by toward its destiny, moving on streets that once echoed to the steps of the viceroys of Spain; of the Missionary Father, Massanet; of the Frenchman, Louis Saint Denis; of Moses and Stephen F. Austin, of Travis, Bonham, Bowie, Crockett, and the other Texas immortals. Under six flags, San Antonio has grown to maturity. Few cities have so rich a heritage.

Information and photo courtesy of the San Antonio Convention and visitors Bureau, P.O. Box 2277, San Antonio, Texas 78298.



Membership Application

AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS

I hereby make application for membership in the AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS and agree to abide by its by-laws, to actively support its objectives, and enclose \$25.00 in payment of first year's dues.

Date _____

Name _____
Last First Middle

Address _____
Street City County State

Telephone _____ AVMA Member _____

Year of Graduation _____ College _____ CVMA Member _____

Nature of Employment (Practice, Teaching, etc.) _____

Percentage of Practice Time Devoted to Cattle _____
Dairy Beef

Former address if you have moved _____
within the last two years. Street
City State Zip

Signature _____

MAIL TO: H. E. Amstutz, D.V.M., Executive Secretary-Treasurer
P.O. Box 2319
W. Lafayette, Ind. 47906

SHARE IT . . . WRITE YOUR PRACTICE TIP, QUESTION, OR SUGGESTION NOW AND SEND IT IN TO US FOR NEXT YEAR'S BOVINE PRACTITIONER.

Signature _____

Address _____

City, State, Zip _____

MAIL TO: Eric I. Williams, F.R.C.V.S., Editor
1226 N. Lincoln
Stillwater, Oklahoma 74074

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levamisole phosphate

Injectable Solution 18.2%

The original injectable anthelmintic for cattle

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The single dose sulfonamide that maintains therapeutic blood levels for 48 to 72 hours.

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The proven systemic insecticide for control of cattle grubs and lice.

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The first synthetic absorbable suture for most surgical procedures.



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DON'T FORGET: Stop by our exhibit when you visit the AABP meeting in historic San Antonio. We look forward to seeing you again.



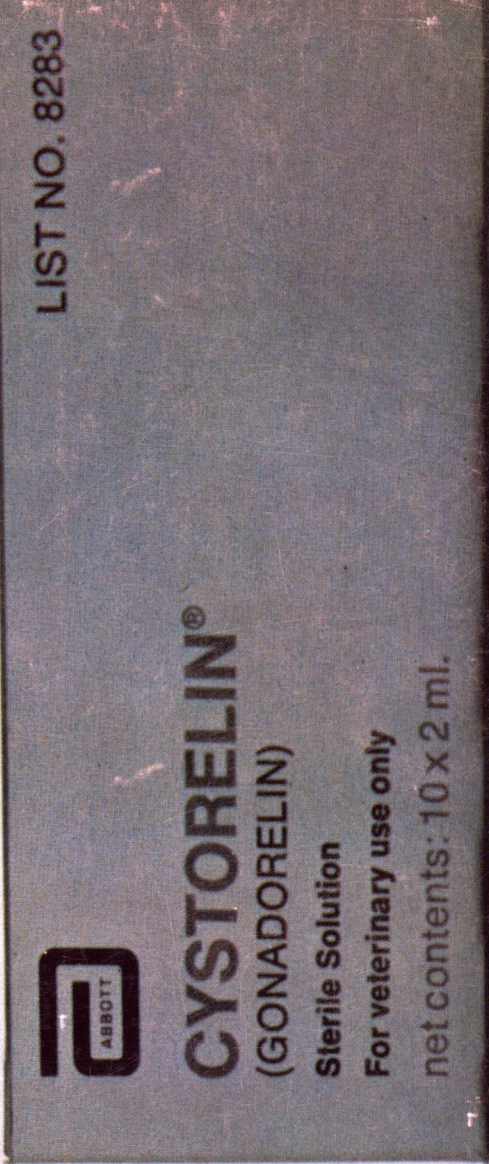


LIST NO. 8283

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(GONADORELIN)



CYSTORELIN®
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(50 mcg./ml.)
Sterile Solution
For veterinary use only
Net Contents: 2 ml.



LIST NO. 8283



CYSTORELIN®
(GONADORELIN)

Sterile Solution
For veterinary use only
net contents: 10 x 2 ml.



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CYSTORELIN®
(GONADORELIN)

Cystorelin®

(Gonadorelin, Abbott)

Efficacious - In the studies where GnRH (100 mcg) was compared to HCG (10,000 I.U.), recovery rates with GnRH were 71% as opposed to 63% with HCG.

Non-Antigenic - Because of its low molecular weight, Cystorelin may be used in repeated treatments without concern of inducing refractoriness or anaphylaxis.

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