

19TH ANNUAL CONVENTION

PROCEEDINGS

American Association of Bovine Practitioners

November 18-21, 1986
LOUISVILLE, KENTUCKY



© Copyright American Association of Bovine Practitioners. All rights reserved. Distribution

DRIVE HOME A WINNER WITH PANACUR® SUSPENSION!

(fenbendazole)

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



Win a Port-A-Vet unit and full-sized 1987 Ford F-150 pick-up truck!

Now everyone wins with Panacur Suspension! Your clients get an effective horse and cattle dewormer, and you get a chance to win a Port-a-Vet unit and full-sized 1987 Ford F-150 pick-up truck with every 6-pack of Panacur Suspension you buy between Sept. 1, 1986 and June 1, 1987.

The more you buy . . . the better your chances to win! So fill out the coupon and return it along with a copy of your distributor's invoice. The winner will be announced at the AVMA meeting in Chicago, July 1987. Who knows, you might just drive home a winner — compliments of Panacur!

Hoechst-Roussel Agri-Vet Company
Route 202-206 North • Somerville, New Jersey 08876
1-800-AGRI-VET
247-4838

The name and logo HOECHST are registered trademarks of Hoechst AG.
The name and logo ROUSSEL are registered trademarks of Roussel Uclaf S.A.

Hoechst 
Roussel 

- Official Rules**
1. Every 6 pack of Panacur® (fenbendazole) Suspension purchased earns you one entry ticket for the grand prize drawing of a Port-a-Vet unit and 1987 full-sized Ford F-150 pick-up truck. There is no limit on the number of purchases or number of entries per contestant.
 2. Entries must be accompanied by invoices covering purchases of Panacur Suspension 6-packs between September 1, 1986 and June 1, 1987. Entries must be postmarked by 6/15/87 and received by 7/1/87.
 3. Send coupon and copy of purchase invoices to Iola Associates, Inc., 876 Hwy. 206 So., Belle Mead, NJ 08502. Coupons may not be duplicated, and only original coupons will be honored. Forged or tampered entries will not be accepted. Iola Associates will provide each contestant with a copy of completed entry ticket.
 4. Winner will be chosen in a random drawing held by Hoechst-Roussel Agri-Vet Company on 7/3/87. There will be only one (1) prize awarded. No duplicate prizes or substitutions allowed. Winner will be notified by mail prior to the AVMA Meeting in Chicago in July, 1987. Winner need not be present to claim prize.
 5. Winner must pay any applicable sales taxes and license fees.
 6. This contest is open to licensed veterinarians only. Void where prohibited by law.

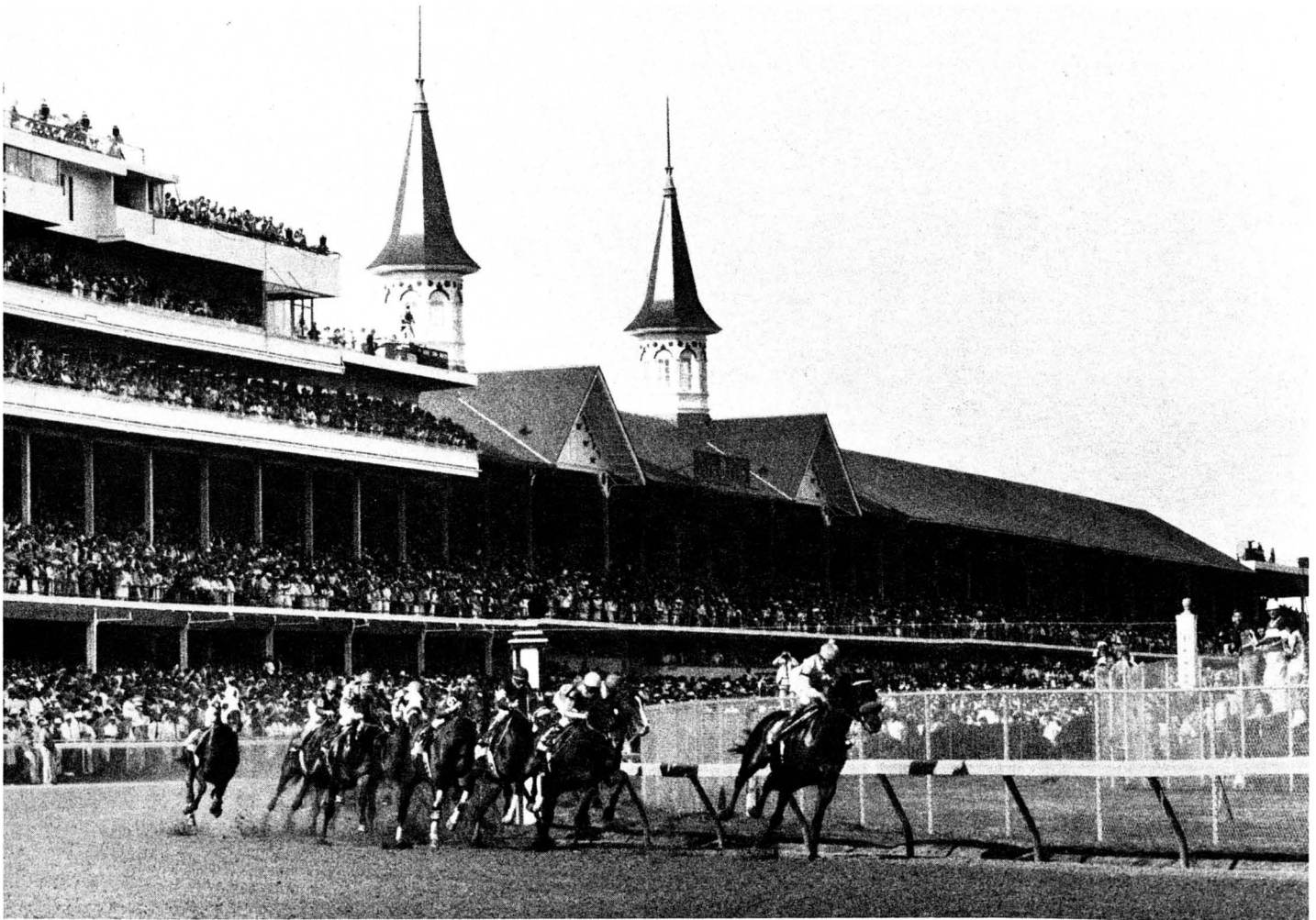
I want to drive home a winner! Enclosed is my invoice showing the purchase of ____ 6-packs of Panacur® (fenbendazole) Suspension. Please enter my name in the Panacur® Drive Home A Winner contest ____ times.

Mail to: Iola Associates, Inc., 876 Hwy. 206 So., Belle Mead, NJ 08502.
You will receive one entry ticket by return mail for each 6-pack ordered.

Name _____
Address _____
City _____ State _____ Zip _____
Phone _____



PROCEEDINGS
of the
NINETEENTH ANNUAL CONVENTION
AMERICAN ASSOCIATION OF BOVINE PRACTITIONERS
November 18-21, 1986
Louisville, Kentucky



Edited by:
ERIC I. WILLIAMS, F.R.C.V.S., M.S.
Department of Medicine and Surgery
College of Veterinary Medicine
Oklahoma State University
Stillwater, Oklahoma 74078

Cover photo: Kentucky landscape, courtesy of Dr. Duane Miksch, University of Kentucky Extension Service.

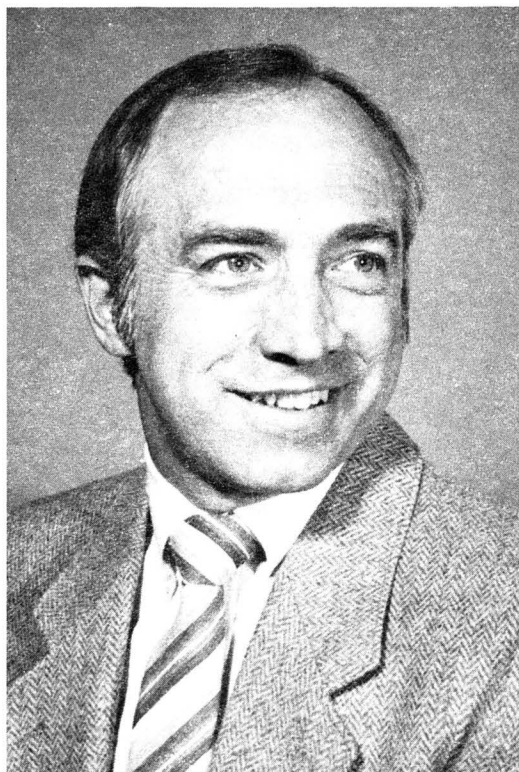
Convention photos by Dr. Barry Dawkins, AVMA, Dr. Edward Sterner and the Editor.

Copies of these Proceedings are available from the Editor; \$20.00 per copy plus mail. Back issues are also available.

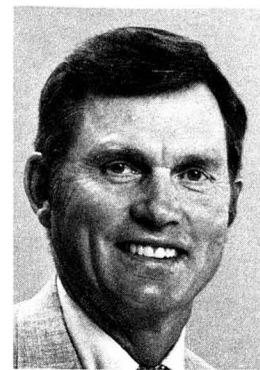
AABP OFFICERS



President-Elect
GEORGE E. WASHINGTON, DVM
 Purcellville, Virginia



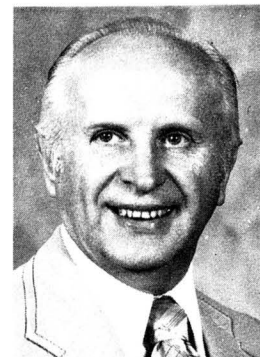
President
NEIL G. ANDERSON, DVM
 Cheltenham, Ontario
 Canada



Vice President
 and District 9 Director
DONALD R. HUDSON, DVM
 North Platte, Nebraska



Past President
HERBERT C. LLOYD, DVM
 Arcadia, Florida



Executive Secretary-Treasurer
 & AVMA Alternate Delegate
HAROLD E. AMSTUTZ, DVM
 W. Lafayette, Indiana

Board of Directors



1st District
GENE W. SELICK, DVM
 Alexander, New York



2nd District
JOE E. MANSPEAKER, VMD
 Ellicott City, Maryland



3rd District
DAVID G. McClary, DVM
 Auburn, Alabama



4th District
KEITH E. STERNER, DVM
 Ionia, Michigan



5th District
ROLAND S. JEANS, DVM
Evansville, Wisconsin



6th District
RICHARD E. SHIRBROUN, DVM
Coon Rapids, Iowa



7th District
J. HARRY JAMES, DVM
Pond Creek, Oklahoma



8th District
JOSEPH M. WRIGHT, DVM
Castroville, Texas



10th District
MICHAEL G. KERFOOT, DVM
Bakersfield, California



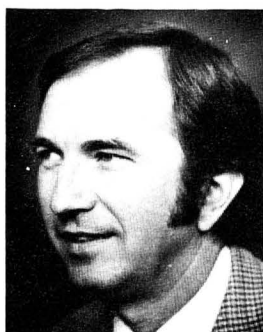
11th District
ERICH STUDER, DVM
Carnation, Washington



12th District
KENNETH E. LESLIE, DVM
Guelph, Ontario, Canada



13th District
GORDON A. ATKINS, DVM
Calgary, Alberta, Canada



AVMA Delegate
JAMES A. JARRETT, DVM
Rome, Georgia



Advertising Manager
LELAND C. ALLENSTEIN, DVM
Whitewater, Wisconsin



Exhibits Manager
SAMUEL HUTCHINS, 3RD, DVM
South Barre, Vermont



Editor
ERIC I. WILLIAMS, F.R.C.V.S.
Stillwater, Oklahoma

AABP 1986 PROGRAM COMMITTEE

Program Chairman
George E. Washington
Seminar Coordinator
Don Hudson
Scientific Session Coordinator
Joe Manspeaker
Dairy Sessions
Tom McDaniel
General Sessions
Larry Hutchinson
Beef/Cow-Calf
Duane Miksch

Beef Feedlot
Larry Hollis
Research Summaries
Craig Thatcher
Practice Tips
Jerome K. Harness
Autotutorial
Milton E. Adsit
Continuing Education Liaison
Tom Fuhrmann
Local Arrangements Coordinator
Clenon Turner

Local Arrangements Consultant
Jenks Britt
Local Arrangements
Roger Wonderlich
Elaine Painter
Spouse Program
Ed Hall
Douglas Cox
Post Convention Tours
Phillip Hayes
Larry Cole
Exhibits Manager
Sam Hutchins, III



*Samuel Hutchins, 3rd, DVM
South Barre, VT
Exhibits Manager*

AGRI-SALES ASSOCIATES, INC.
212 Louise Ave.
Nashville, TN 37203

ALBION LABORATORIES, INC.
101 N. Main, Box 750
Clearfield, UT 84015

ALFA-LAVAL, INC.
11100 North Congress Ave.
Kansas City, MO 64153

AMERICAN CYANAMID
One Cyanamid Plaza
Wayne, NJ 07470

AMERICAN DIAGNOSTIC SALES, INC.
1465 Post Rd. E
P. O. Box 5117
Westport, CT 06881

ANIMAL HEALTH & NUTRITION
Watt Publishing Co.
Sandstone Building
Mount Morris, IL 61054

AVMA PROFESSIONAL LIABILITY
Insurance Trust
P. O. Box 74221
Chicago, IL 60690-8221

BABSON BROS. Co.
2100 South York Road
Oak Brook, IL 60521

BEECHAM LABORATORIES
501 Fifth St.
Bristol, TN 37620

BIO-CEUTIC DIVISION
2621 North Belt Hwy.
St. Joseph, MO 64502

BIO-TECHNIQUES LABS., INC.
15555 N.E. 33rd Bio Tech Rd.
Redmond, WA 98052

BIO-ZYME ENTERPRISES
1231 Alabama
St. Joseph, MO 64504

BOWIE MANUFACTURING, INC.
313 South Hancock
Lake City, IA 51449

EXHIBITORS

The AABP wishes to thank all the following exhibitors and contributors for their loyal support of the Kentucky Convention.

BRISTOL ANIMAL HEALTH GROUP
2404 Pennsylvania St.
Evansville, IN 47721

BURNS VETERINARY SUPPLY
3400 West Lake Ave.
Glenview, IL 60025

THE BUTLER COMPANY
4140 Fisher Rd.
Columbus, OH 43288

CEVA LABORATORIES, INC.
10551 Barkley
Overland Park, KS 66212

CHURCH & DWIGHT CO., INC.
20 Kingsbridge Road
Piscataway, NJ 08854

COOPERS ANIMAL HEALTH, INC.
520 W. 21st St.
Kansas City, MO 64108-2132

COULTER ELECTRONICS, INC.
601 W. 20th St.
Hialeah, FL 33010

DAIRY EQUIPMENT CO.
1919 South Stoughton Rd.
Madison, WI 53716

DIAMOND SCIENTIFIC CO.
2538 S. E. 43rd St.
Des Moines, IA 50317

EIDSON ASSOCIATES, INC.
P. O. Box 16073
Minneapolis, MN 55416

ELANCO PRODUCTS COMPANY
A Div. of Eli Lilly & Co.
Lilly Corporate Center
Indianapolis, IN 46285

EQUIBOV VETERINARY SPECIALTY EQUIPMENT
RR #1
Campbellville, Ontario
LOP 1B0 Canada

FOR-MOST, INC.
Box 322
Hawarden, IA 51023

FORT DODGE LABORATORIES
800 Fifth Street, N.W.
Fort Dodge, IA 50501

GLENWOOD, INC.
83 North Summit St.
Tenafly, NJ 07670

GRAND LABORATORIES, INC.
RR 3, Box 36
Freeman, SD 57029

HAVER
P. O. Box 390
Shawnee Mission, KS 66201

HOECHST-ROUSSEL AGRI-VET CO.
Route 202-206 North
Somerville, NJ 08876

HOFFMAN-LA ROCHE, INC.
Kingsland St.
Nutley, NJ 07110

IDEAL INSTRUMENTS
607 N. Western Ave.
Chicago, IL 60612

IMMUCELL CORP.
966 Riverside St.
Portland, ME 04103

INTERNATIONAL MINERALS & CHEM. CORP.
P. O. Box 207
Terre Haute, IN 47808

JORGENSEN LABS., INC.
2198 W. 15th St.
Loveland, CO 80537

KAMAR MARKETING GROUP, INC.
7525 Mitchell Rd., #208
Eden Prairie, MN 55344

KANE ENTERPRISES, INC.
P. O. Box 360
Sioux Falls, SD 57101

THE MAGRATH CO.
404 West B St.
McCook, NE 69001

McKESSON VET. SERV. CO.
300 College Ave.
Oakmont, PA 15139

MSD AGVET
(Div. of Merck & Co., Inc.)
P. O. Box 2000, WBD-319
Rahway, NJ 07065-0912

MUNKS LIVESTOCK SLING MFG., INC.
1143 W. March Point Rd.
Anacortes, WA 98221

NASCO
901 Janesville Ave.
Fort Atkinson, WI 53538

NORDEN LABORATORIES
601 W. Cornhusker Hwy.
Lincoln, NE 68521

OSBORN
an ESSAR Corporation
P. O. Box 1590
Fort Dodge, IA 50501

PFIZER, INC.
235 E. 42nd St.
New York, NY 10017

PIONEER HI-BRED INT., INC.
6800 Pioneer Pkwy., Box 258
Johnston, IA 50131

PITMAN-MOORE, INC.
P. O. Box 344
Washington Crossing, NJ 08560

PORTA-VET INDUSTRIES, INC.
110 Wood St., P. O. Box 598
Hudson, IA 50643

PRN PHARMACAL, INC.
5830 McAllister Ave.
Pensacola, FL 32504

PRO VET OF LOVES PARK
P. O. Box 2286
Loves Park, IL 61131

PSI
P. O. Box 1348
Effingham, IL 62401

A. H. ROBINS COMPANY, INC.
1407 Cummings Drive
Richmond, VA 23220

W. B. SAUNDERS CO.
West Washington Square
Philadelphia, PA 19105

SCHERING CORP.
1011 Morris Avenue
Union, NJ 07033

SEMCORP
1801 Norland Road
Charlotte, NC 28218

SOLVAY VETERINARY, INC.
P. O. Box 7348
Princeton, NJ 08540

SYNTEX ANIMAL HEALTH
4800 Westown Parkway, Suite 200
West Des Moines, IA 50265

TECH AMERICA GROUP
P. O. Box 1159
St. Joseph, MO 64502

3M/ANIMAL CARE PRODUCTS
3M Center-Bldg. 224-3S-05
St. Paul, MN 55144

TORPAC LIMITED
84 Angus Dr.
Willowdale, Ontario
Canada M2J 2X1

THE UPJOHN CO., DEPT. 9510-190-3
7000 Portage Road
Kalamazoo, MI 49001

VETERINARY CONCEPTS, INC. -RAC's
303 South McKay Avenue
Spring Valley, WI 54767

VETERINARY LEARNING SYSTEMS
2963 Brunswick Pike
Lawrenceville, NJ 08648

VETERINARY PRACTICE PUBLISHING CO.
P. O. Box 4457
Santa Barbara, CA 93103

VETREPHARM, INC.
69 Bessemer Rd., Unit 27
London, Ontario N6E 2V6
Canada

VIRBAC, INC.
Professional Veterinary Products Div.
8363 Quivira Road
Lenexa, KS 66215

EDUCATIONAL EXHIBITORS

AMERICAN BOARD OF VETERINARY PRACTITIONERS

4359 Stage
Memphis, TN 38128

NON-EXHIBITING COMMERCIAL COMPANIES

A. J. BUCK & SON, INC.
1053 York Road
Hunt Valley, MD 21030

ANGENICS, INC.

100 Doman St.
Cambridge, MA 02139

INTERVET AMERICA, INC.

P. O. Box 318
Millsboro, DE 19966

VETERINARY MEDICINE PUBLISHING CO.

9073 Lenexa Drive
Lenexa, KS 66215

Bovine "Give-Away"

The AABP again sponsored a "Bovine Give-Away" in the form of ten \$50.00 U.S. Bonds. The drawing was made by AABP President, Dr. Neil Anderson and the event was organized by Dr. Samuel Hutchins 3rd, Exhibits Manager in collaboration with the exhibitors.

The winners and exhibitors who had the winning milk bottles were the following:

Winners

Dr. David T. Bechtol
Rt. 1, Box 37
Canyon, TX 79015

Valley Veterinary Clinic, P.C.
Elgin, IA

Animal Hospital, P.C.
904 Second Ave. E.
Oneonta, AL 35121

Bill Newman, DVM
Rt. 2, Indian Summer Ranch
Fayetteville, TN 37334

Dr. Clenon Turner
Mt. Mercy Drive
P. O. Box 425
Pewee Valley, KY 40056

Dr. Rebecca Grusenmeyer
RD #3, Box 177
Avella, PA 15312

North Valley Animal Clinic
1201 33rd Street N.E.
Rochester, MN 55904

R. Riley Shuler, DVM
Orangeburg Veterinary
Hospital, P.A.
Route 2, Box 149
Orangeburg, SC 29115

Pharmaceutical Company

American Cyanamid
One Cyanamid Plaza
Wayne, NJ 07470

CEVA Laboratories, Inc.
10551 Bardley, Suite 500
Overland Park, KS 66212

Eidson Associates, Inc.
P. O. Box 16073
3500 Beltline Blvd.
Minneapolis, MN 55416

Fort Dodge Laboratories
800 5th Street N.W.
Fort Dodge, IA 50501

Jorgensen Laboratories, Inc.
2198 W. 15th St.
Loveland, CO 80537

The Magrath Company
404 West B
McCook, NE 69001

Porta-Vet Industries, Inc.
110 Wood St.
Hudson, IA 50643

Pro Vet of Loves Park
P. O. Box 2286
Loves Park, IL 61131

Winners

Warren E. Bohnhoff, DVM
Agri-King, Inc.
Box 208
Fulton, IL 61252

R. D. Hinze, DVM
Cedar Grove Veterinary
Services, S.C.
23 Hwy. R.R.
Cedar Grove, WI 53013

Pharmaceutical Company

Tech America Group
P. O. Box 1159
St. Joseph, MO 64502

Vetrepharm, Inc.
69 Bessemer Rd., Unit 27
London, Ontario
N6E 2V6 Canada



Dr. and Mrs. Sam Hutchins.