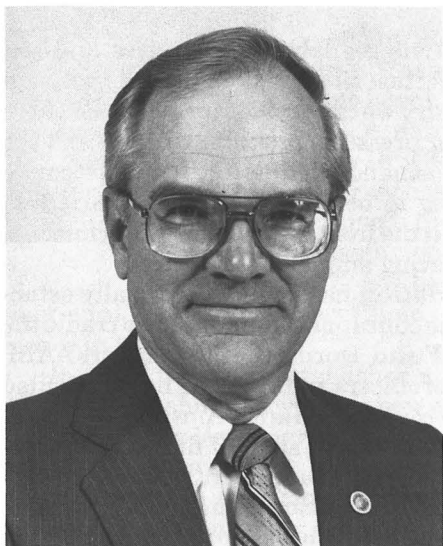


AABP Officers



President
Darrell E. Johnson DVM
Weyauwega, Wisconsin

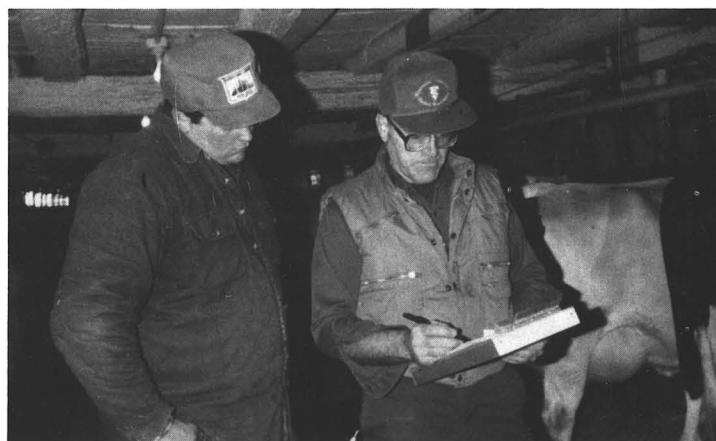
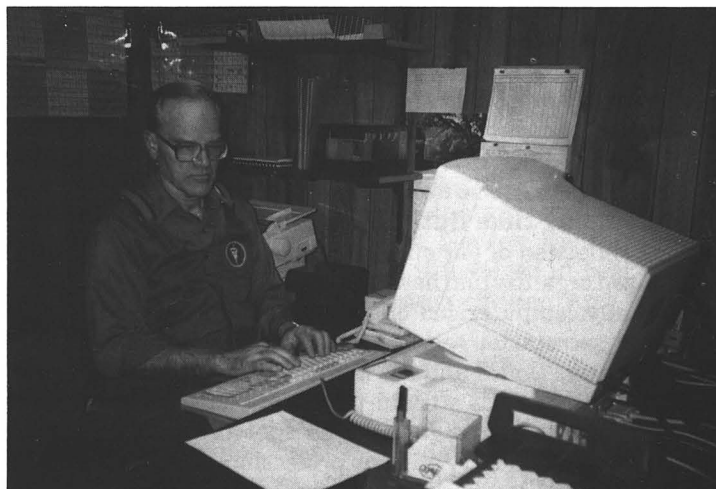


Dr. Darrell E. Johnson, Weyauwega, Wisconsin, is the AABP President. Born in Scandia, Minnesota, he pursued under-graduate studies at Gustavus Adolphus College in St. Peter, Minn. He received the DVM degree from the University of Minnesota in 1957 and is currently senior member of a five member veterinarian group practice incorporated as Dairyland Animal Health Inc. in Weyauwega, WI. The practice is primarily dairy cattle with clinic facilities for companion animals.

Dr. Johnson was Director for AABP District 5 from 1980-82 and has served on numerous committees. He is past chairman of the AVMA Mastitis Committee and a past member of the board of directors and the executive committee of the National Mastitis Council and past member of the Animal Health Advisory Committee to the State Department of Agriculture. He is a preceptor for the University of Minnesota, College of Veterinary Medicine.

Dr. Johnson is a member of the AVMA, AABP, Wisconsin VMA, Society for Theriogenology, NMC, Wisconsin Holstein Association and many others. He was Wisconsin Veterinarian of the Year in 1968 and was named a Distinguished Alumnus of the University of Minnesota in 1979. He was the 1986 Bovine Practitioner of the Year.

Dr. Johnson has served as Vice President of AABP when was also coordinator of the Seminars. In 1992, as Vice Chairman of AABP, he was the Program Chairman for the XVII World Congress for Buiatrics — XXV Annual AABP meeting in St. Paul, MN. He has also served as chairman of the AABP Food & Drug Committee, and also of the Joint Veterinary Task Force on Mastitis and Milk Quality for the NMC. Appointed by the Governor to the Wisconsin Animal Disease & Health Research Board in 1988, he also served as Chairman. He was the coordinating Chairman for the joint AABP-NMC International Mastitis Symposium in Indianapolis in 1990.



Dr. Johnson is active in civic affairs. He is a member of the Board of Directors of Valley Bank, Appleton and the Fox Valley Regional Bank of the Valley Bank Corporation. He is a member of the Board of Directors, Weyauwega Industrial Development Corporation, Chamber of Commerce, and an Elder in the First Presbyterian Church of Weyauwega. He served eight years on the school board of Weyauwega-Fremont Area Schools.

Dr. Johnson and his wife, Arlene, have 4 children: Timothy D. Johnson, O.D., practicing in Bellows Falls, VT; Debra L. Johnson, DVM, practicing in Sturgeon Bay, WI; Todd E. Johnson, DVM - VMO-APHIS, and Danise J. Otte, Homemaker.

A Message From The President

Nineteen ninety-three has lived up to expectations as a year of reflection as well as one of aspirations for AABP leadership. Following the 1992 international conference marking our 25th anniversary, we faced preparations for the retirement of Dr. Harold Amstutz after the upcoming conference in Albuquerque. With this melancholy event casting a shadow over many other activities we have been preparing the way for a new legacy as we manage current affairs.

Central to those efforts has been the selection of a candidate for the position of Executive Vice President following the formal retirement of Dr. Amstutz on November 1, 1993. From an impressive list of candidates the Board of Governors chose Dr. James Jarrett of Rome, Georgia for the position. Subsequently, we have successfully negotiated a contract with Dr. Jarrett and a lease agreement for office space in Rome, Georgia. We look forward to introducing Dr. Jarrett in his new position at the Albuquerque conference. Dr. Jarrett has assumed part-time duties as of July 1st.

A reflection of our current status as an internationally recognized organization has been the leasing of adequate office space, fully computerized office and accounting capabilities, full time secretarial services and modern communications. The Executive Board and the Board of Governors are reviewing by-laws, the dues structure, and incremental changes in salaried positions in light of the inevitable and on-going changes in the industry and our profession. All of this with an eye to improved membership services on veterinary interests in bovine medicine, as well as broad representation on veterinary concerns.

The need for long range planning to guide the current and future leadership of this organization will receive some priority attention during the next year. The Board of Governors has authorized development of an outline for creating a Strategic Long Range Plan for the AABP. A recent survey of membership regarding interests and concerns has also been completed under the guidance of the Nutrition and Reproduction Committees and will be most useful. The themes of the strategic plan will provide the focus for AABP decision-making processes involving both voluntary leadership and salaried administration. Planning will encompass: 1) Professional issues, 2) Membership issues, and 3) Organizational issues. Economic factors and the public interest increasingly demand that veterinary practitioners within the system take responsibility to implement best practices at all levels of organization, and to do so quickly.

A number of our members continue to play important roles on food safety issues and the AABP is increasingly called upon to be part of planning and advisory meetings of both industry and government. These types of involvement, including the ELDU legislative initiative, are critical to keeping the concerns of food animal veterinarians well represented and our opinions respected. There remain among us a few individuals with a disturbing disregard for the responsible application

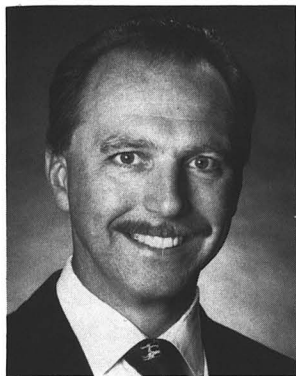
of extra-label drug use privileges, labeling initiatives, and beef industry concerns on injection site lesions. Hopefully through liaisons within the industry we can provide incentive for these individuals through peer pressure, producer concern and the regulatory process. The demands on the office of the Executive Vice President are going to be increased with a variety of coalitions that keep us on the front line in both the technological and societal issues facing animal agriculture.

The **AABP Foundation** has now been formally established as a tax-deductible educational foundation to cradle the **Amstutz Scholarship Fund**. During the past 23 years AABP membership and a host of officers and directors have benefited from the leadership and counsel of Harold Amstutz. We make an earnest plea now for a dramatic show of financial support of endowment of the scholarship fund. Contributions are: A tangible way to recognize Harold's career-long commitment to bovine medicine and to the AABP; a way to recognize that the sharing of his Purdue University offices and his frugal leadership have allowed us enviously low membership dues; a way to encourage and support veterinary student commitment to food animal medicine; and - a way to attract outside funding to create multi-scholarship funding by demonstrating our commitment on the inside. An auction to benefit the fund will be held at the Albuquerque meeting and will provide an excellent opportunity to contribute, plus have some tax-deductible enjoyment bidding up district and individual donations of art work and get-away-weekends. For those unable to attend the conference, checks payable to the Amstutz Scholarship Fund will be accepted and acknowledged at any time.

During the past year a special task force has been developing a short (13 minute) videotape, primarily for producers, to highlight the **Veterinarian/Client/Patient Relationship** (VCPR). The task force, in targeting producers, chose to narrowly define the VCPR within the context of a partnership working in the interests of animal health while recognizing the underlying regulatory environment that speaks to responsible medicine as a social mandate. The videotape is now available for distribution. We are proud of the coalition that cooperated in the funding and development of this videotape. The organizations involved are the AABP, AVMA, AASP, NCA, NPPC, and NMPF. The AABP was the lead organization and has copyrighted the distribution rights to this video.

Finally, it has been an honor and a privilege to serve as your president this past year. I have learned from the uncommon grace and dedication of our retiring Executive Vice President, and I will not forget the extra-ordinary leadership provided voluntarily by ordinary people in bovine medicine, who are dedicated not only to their careers and clientele, but to their profession. Thank you for this opportunity to serve.

Darrell E. Johnson, DVM
President



President-Elect
Reilly Glore, DVM
Montesano, Washington

Dr. Reilly Glore, Montesano, Washington is the President-Elect.

A native of Missoula, Montana, Dr. Glore worked on various beef ranches while growing up. He received the DVM degree from Washington State University in 1972 and became an associate veterinarian at Vetter's Veterinary Clinic, a 3-veterinarian mixed practice in Raymond, WA.

In 1975, Dr. Glore established a veterinary practice in Montesano, Washington which is now a 3-veterinarian mixed practice at Brady Veterinary Hospital, where he is the senior partner. The majority of his duties are dairy production medicine activities with some small animal and equine practice.

Dr. Glore is a member of AVMA, WSVMA, AAHA, Society for Theriogenology, Veterinary Computer Society and the National Mastitis Council. He is Past President of South Puget Sound VMA, Washington State VMA and served as Director of AABP District IX from 1988 to 1992. He also served on the AABP Nutrition Committee. He was elected AABP President in 1992.

Dr. Glore is food animal representative for WSVMA Animal Welfare Committee and the Pharmacy and Biologics Committee. He serves on the Montesano School Board.

Dr. Glore has published several articles on herd health, mastitis control, free stalls, nutrition, and the use of laptop computers in practice and veterinary fees. He was the Moderator on a panel discussion on "The Future of Dairy Practice in 2000" at the 1992 WSU Spring Conference. He presented two seminars on dairy production medicine and surgery to a Japanese bovine practitioners delegation in Seattle in 1991 and 1992.

Dr. Glore and his wife, Lynne, have two children — Gavin and Megan. They enjoy snow skiing and water skiing. Dr. Glore has an interest in carpentry, woodwork and "playing with computers."



Vice President
Robert A. Smith, DVM
Stillwater, Oklahoma

Dr. Robert A. Smith, Stillwater, Oklahoma is the AABP Vice President.

Dr. Smith received the BS (1965) and MS (1970) degrees in Animal Science from Kansas State University. He was on active duty in the United States Army in 1970-72, then returned to his alma mater and received the DVM degree in 1976.

Dr. Smith spent a few months in private practice before assuming a large animal internship in the Department of Medicine and Surgery, Oklahoma State University. He later became Co-Director of Pawhuska (Okla) Research Station and a consultant to Palo Duro Veterinary Service, Canyon, Texas. He has served as an auction market veterinarian for 8 years. He was named recently to McCasland Chair in Beef Health and Production at Oklahoma State University. Dr. Smith has presented numerous lectures and seminars at local, state and national meetings. He received the Norden Distinguished Teacher Award in 1983. Dr. Smith is involved in beef cattle extension at the Pawhuska Research Station and feedlot research.

Dr. Smith is a Diplomate of the American Board of Veterinary Practitioners. he is a member of AVMA, AABP, Kansas VMA, Oklahoma VMA, National Cattlemen's Association and the Oklahoma Cattlemen's Association.

Dr. Smith served as Director, AABP District 7, 1987-1992. He was a Food Regent, American Board of Veterinary Practitioners, 1986-1991, Director, Academy of Veterinary Consultants, Member, NCA Beef Quality Task Force, 1992-Present and Liaison, AABP-AVC 1991-present.

Dr. Smith holds the rank of Lieutenant Colonel, Air Defense Artillery, USAR.

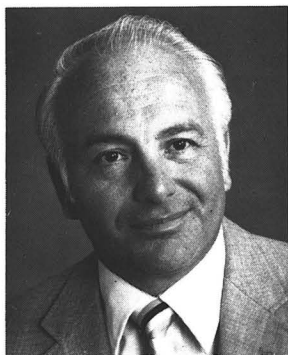
Dr. Smith is married, with four children. His hobbies are cattle operations, muscle cars and flying.

Executive Vice President



Harold E. Amstutz
DVM
West Lafayette, Indiana
(also AVMA
Alternate Delegate)

Treasurer



Roland S. Jeans
DVM
Evansville, Wisconsin

AABP Advertising Manager



Leland C. Allenstein
DVM
Whitewater, Wisconsin

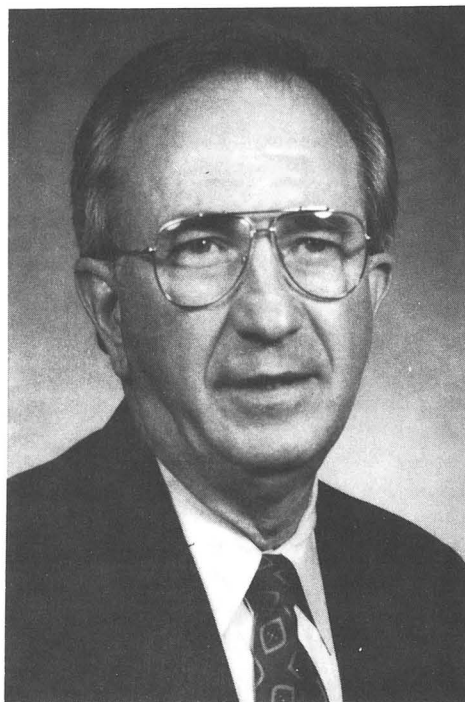
AVMA Delegate



Robert H. Keith
DVM
Monroe, Wisconsin

Meet our new

AABP Executive Vice President: DR. JAMES JARRETT



James Jarrett, DVM

Dr. James Augustus Jarrett, Rome, Georgia, was elected AABP Executive Vice President at the Board meeting in Schaumburg on March 27-28, 1993. He succeeds Dr. Harold Amstutz who will retire after the Albuquerque meeting. Dr. Jarrett will commence his duties on a part-time basis on July 1 and assume full time duties on November 1.

Dr. Jarrett is well known to his fellow members for his extraordinary record of service to his profession and the cattle industry.

Dr. Jarrett was born in Rome, Georgia on May 7, 1935. He graduated from Model High School, Georgia. He received honors at state, regional and national levels in 4-H projects of livestock pest control, gardening and leadership, held office at local, district and state level; regional and state winners in feeder steer fitting and showing contest. He was a member of the debate team and the High School Quartet.

Dr. Jarrett attended Berry College, Mt. Berry, Georgia where he was a member of the livestock judging team and had the grand champion in the Showing Contest of 1956.

Dr. Jarrett received the DVM degree from the University of Georgia in 1960. He received the Upjohn Award for Proficiency in Clinical Medicine, large animal section, in 1960. He was also inducted as a student member of Gridiron Secret Society.

Upon graduation, Dr. Jarrett became an associate with the Williams Animal Clinic (Dr. Charles L. Williams)

in Rome, Georgia, where his primary responsibility was with farm animals, initiating herd health programs on several dairy farms, beef cattle farms and walking horse stables.

Dr. Jarrett left in 1965 to join the Georgia Department of Agriculture. He organized and directed the State Quality Milk Program which was the second statewide mastitis program in the United States. This program was unique in that it was executed as a cost-free assistance program to the dairyman through his local veterinarian.

Dr. Jarrett is a member of numerous professional organizations. He served on the Board of Directors, AABP 1972-79 and as President in 1978, and AVMA Delegate 1984-88. He was general program chairman for the AABP Annual Conference in 1975, chairman, Forward Planning Committee, 1979, member Mastitis Committee, 1974-84 and chairman 1976. He was chairman of the Local Arrangements, Annual Conference in 1977.

Dr. Jarrett has served the National Mastitis Council, Inc. as speaker many times as well as serving on several committees. Likewise with the AVMA including Presiding officer, bovine section at the AVMA Convention in 1977. He has served on the Council on Education since 1988.

Dr. Jarrett is an active member of the Georgia VMA having served on several committees, most recently the Food Animal and the Animal Welfare Committees.

Dr. Jarrett is a member of Rome Area Chamber of Commerce, Rome Kiwanis Club Board of Directors, youth committees and programs chairman for one month each year 1970-91.

A member of the First Baptist Church, Rome, he has served as Deacon, (Chairman of the Board of Deacons 1986), Sunday School Teacher (8 years), choir member (20 years), participant, volunteer work, Southern Baptist Mission Medical Program Dominican Republic 1973; member, Board of Trustees of the Baptist Village, Waycross, Georgia 1971-75.

Dr. Jarrett has conducted field evaluations of drug preparations, in conjunction with the Bureau of Veterinary Medicine and various laboratories.

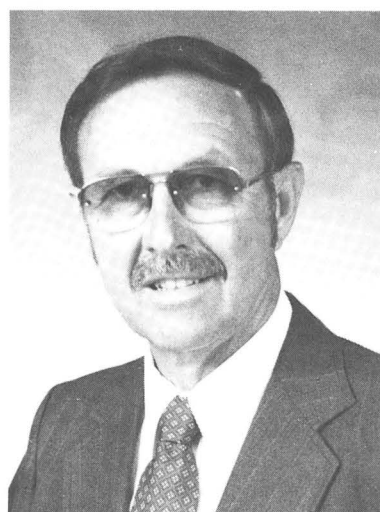
During his travels worldwide, Dr. Jarrett has presented over 170 papers and seminars at local, state,

national and international meetings on dairy herd health, quality milk, mastitis and milking machines and has been Director of Quality Milk Seminar held in conjunction with the AABP annual meetings for many years. He has published several papers in national journals and textbooks.

Dr. Jarrett has been the author of monthly columns entitled "Cowside Practice" published in *Hoard's Dairyman*, since 1974. He toured and lectured on the dairy industry in Japan, August 28 - September 15, 1986.

Dr. Jarrett received the AABP Bovine Practitioner of the Year Award in 1984.

Dr. Jarrett and the former Margaret Houston were married in 1957. They have two children - Joy and Robert. Dr. Jarrett enjoys snow skiing, Bluegrass music and antique cars.



New Board Member

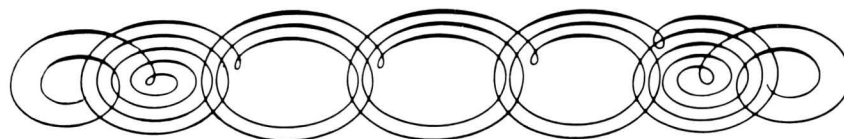
Darrell C. Payne DVM
Sedalia, Missouri

Dr. Darrell C. Payne, Sedalia, Missouri is the new Director for District 7 (Kansas, Missouri and Oklahoma).

Dr. Payne was born and raised on the family farm near Russellville, Missouri. He graduated from Russellville High School in 1953 and received the DVM degree from the University of Missouri in 1961. He spent two years as a veterinarian in the Air Force followed by practice in Salem & Lee's Summit, Missouri. He moved to Sedalia, Missouri in 1965 where he is in an almost exclusively beef cattle practice.

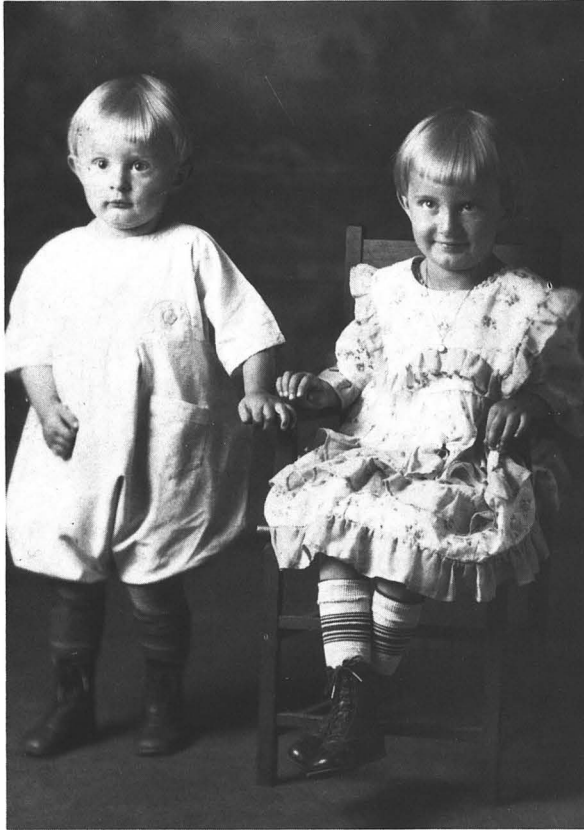
Dr. Payne is a member of Missouri VMA and is presently Chairman of the Association's Advisory Committee and MVMA's Food Animal Task Force committee to the University of Missouri's College of Veterinary Medicine.

Dr. Payne and his wife, Carol, have two children — Rhonda of Louisville, Kentucky and Craig, a veterinarian practicing in Marshfield, Missouri. Dr. and Mrs. Payne live on a farm near Sedalia where they enjoy backgrounding and grazing feeder steers.

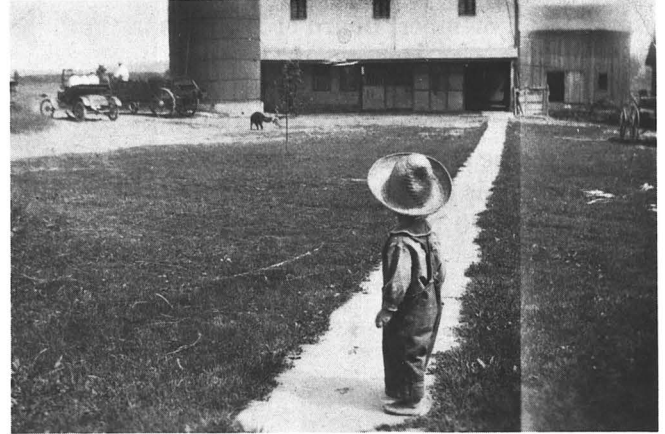


A Salute To Harold

Harold E. Amstutz, DVM
AABP Secretary-Treasurer 1966-71
Executive Secretary, 1971-91
Executive Vice President, 1991-93



Born June 21, 1919, on a farm near Barrs Mill, Ohio (also the home of famed basketball coach Bobby Knight). Harold, left, pictured with his sister Elizabeth.



At the home farm, showing the barn, Model T, manure spreader & spring wagon.



In the front yard.



Harold the plowman.



Ohio State University Livestock Judging Team, Harold, far right, received B.S. degree in Agriculture from OSU in 1942, D.V.M. in 1945.



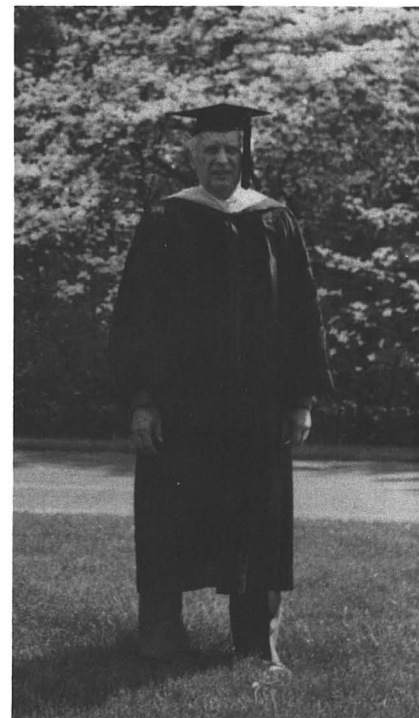
Harold the clinician and teacher. Private practice in Orrville, Ohio '46-'47; Faculty Ohio State University '47-'61; Chmn., Dept. Vet. Med. Clinics '56-'61; Prof. & Head, Dept. Vet. Clinics, Purdue University '61-'75; Prof. Clinics '75-'87; Head, Dept. Vet. Clin. Sciences, '87-'89.



Ready for combat: spent 1945-46 in the U.S. Army.



Going shopping?



Harold the Professor attending his last Commencement at Purdue University before retiring.



Secretary-Treasurer AABP at Louisville, KY 1966.



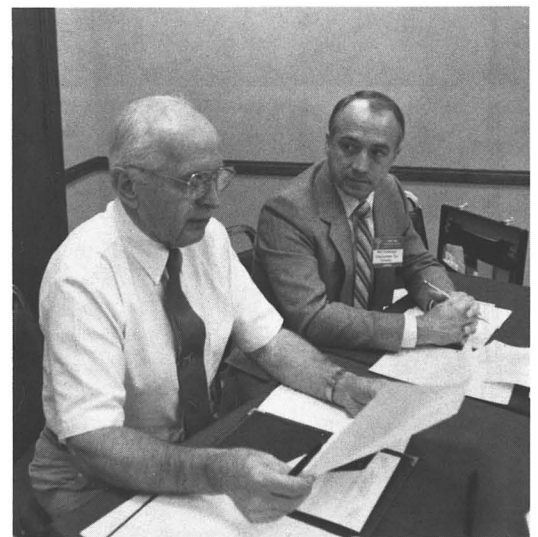
As President, World Association for Buiatrics, arriving with, center, Señor Licenciado José López Portillo, President of Mexico, for the opening ceremony of the X World Congress for Buiatrics, Mexico City, 1978.



WAB Directors' meeting Tel Aviv, Israel, 1981.



Dr. Robert Keith, President, and Dr. Amstutz presenting AABP Life Honorary Membership to Dr. Alfred Wight (James Herriot) in Thirsk, Yorks, 1982.



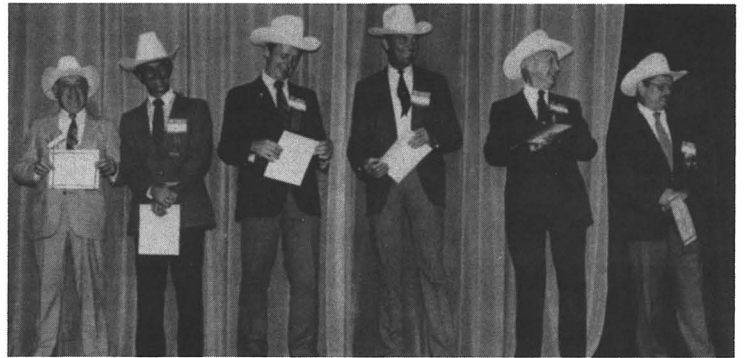
AABP Board Meeting with President Neil Anderson, Canada, 1986.



Dr. Amstutz, Dr. Breukink, Dr. Lekeux, Dr. Mayer and President Espinasse at the Amsterdam Buiatrics Congress, 1982.



With his wife Jo after receiving the AABP Amstutz - Williams Award, 1986.



Opening ceremony 21st AABP Convention, Calgary, Canada, 1988.



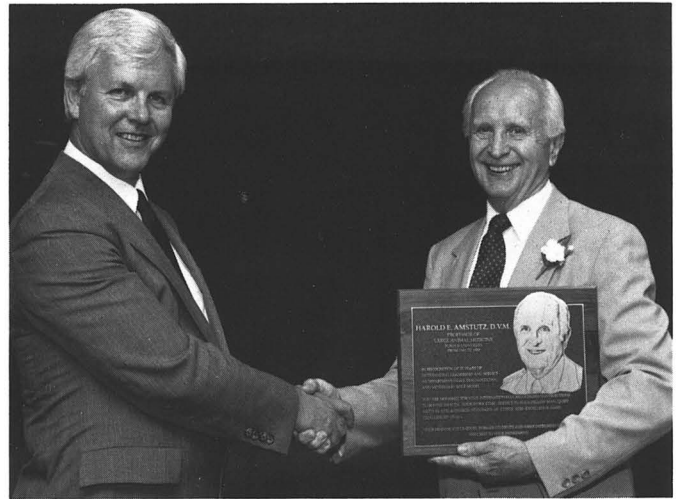
With students at retirement party.



AVMA House of Delegates: Dr. Robert Keith, delegate, Dr. Amstutz, alternate.



Harold & Jo with their family at his retirement party, Covington, IN in 1989.



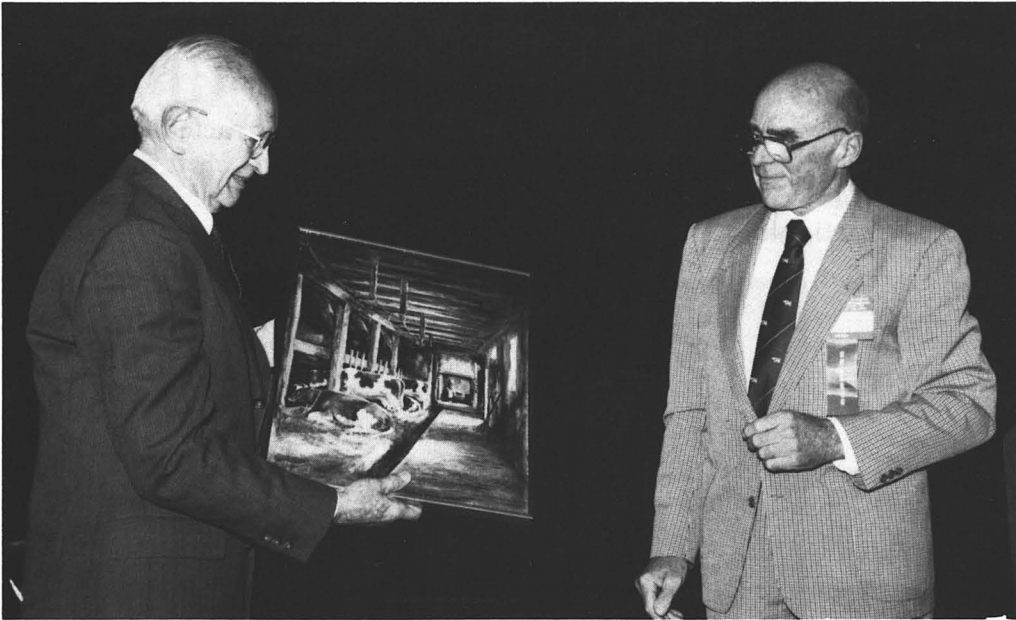
Dean Hugh Lewis presenting Harold at retirement party.



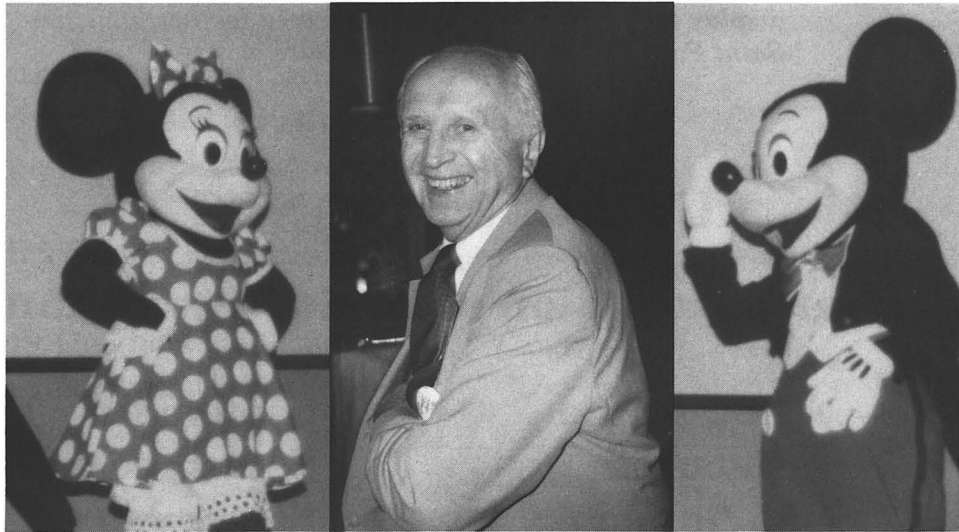
Afternoon trip with friends at the 1990 WAB Congress in Brazil.



Harold with fellow AABP officers, 1991. Vice President Reilly Glore, Treasurer Roland Jeans, Past President Gordon Atkins, President-Elect Darrell Johnson and Past President David McClary.



*Receiving the Rosenberger Award from Prof. Dr. M. Stöber,
XVII WAB Congress - XXV AABP Convention, St. Paul,
MN, 1992.*



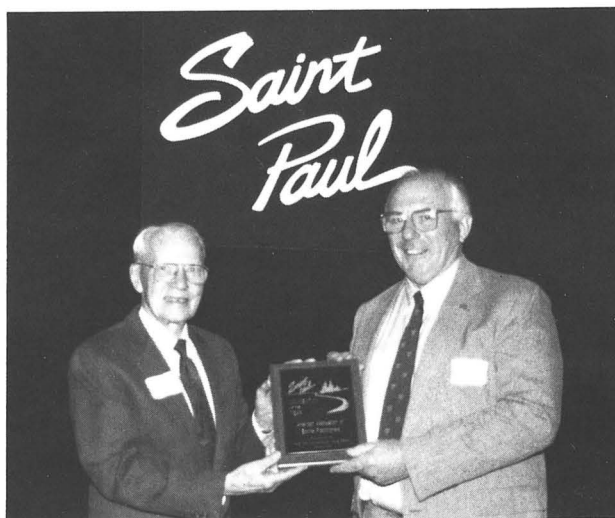
*"Please come back to Orlando. We love you, Uncle Hal!"
And so do all of us in the AABP family.
Happy Retirement!*

***Dr. Amstutz will retire November 1, 1993. The AABP family
and their numerous friends in the profession wish Harold and
Jo many years of happiness in their retirement.***

1992 Convention of the Year

Over 200 conventions were held in St Paul, MN in 1992, which attracted 136,000 people.

At a meeting on March 9, 1993, The 1992 Convention of the Year Award was presented to Drs. James Hanson & Robert Dunlop as local organizers of the XVII Buiatrics Congress / XXV AABP Conference, which drew a record of 2,097 participants.



Dr. James Hanson, left & Dr. Robert Dunlop display the prestigious award presented by the Saint Paul Convention & Visitors Bureau.

FUTURE MEETINGS

American Association of Bovine Practitioners

1993	Albuquerque	September	16-19
1994	Pittsburgh	September	22-25
1995	San Antonio	September	14-17
1996	San Diego	September	12-15
1997	Montreal	September	18-21
1998	Spokane	September	24-27
1999	Nashville	September	23-26

World Association for Buiatrics

1994	Bologna, Italy	August 29-September 2
1996	Edinburgh, UK	July 8-12

XVIII World Buiatrics Congress XXVI Congress of the Italian Association of Buiatrics

August 29-September 2, 1994, Bologna, Italy

The official working languages will be English, French, German, Italian and Spanish. Simultaneous translation from and into these languages will be provided.

The scientific program will consist of main lectures, round tables, free communications, posters and video presentations.

Papers contributed for oral and poster presentations are solicited on topics in all areas of bovine sciences.

Major topics for main lectures and round tables include:

- Problems Regarding Productive Aspects of Cattle
- Reproductive Aspects of Cattle
- Infectious and Parasitic Pathologies
- Environmental and Economic Factors

Other topics for free communications and poster presentation are:

- Semeiotics and Clinical Diagnostics
- Laboratory Diagnostics
- Infectious and Parasitical Diseases
- Epidemiology
- Pathology of Various Organs and Apparatuses
- Handling and Housing Cattle
- Ethology and Animal Health
- Miscellaneous

Abstracts must be submitted by November 30, 1993 to: Organizing Secretariat, Segreteria Organizzativa, SOGEPACO, Convention and Travel Piazza Costituzione 5/c, I-40128 Bologna, Italy.

Canadian and U.S. veterinarians may obtain additional details by contacting H.E. Amstutz, P.O. Box 2319, West Lafayette, IN 47906.

XXV World Veterinary Association (WVA) Congress and XX World Small Animal Veterinary (WSAVA) Congress



September 3 — 9, 1995
Yokohama, Japan

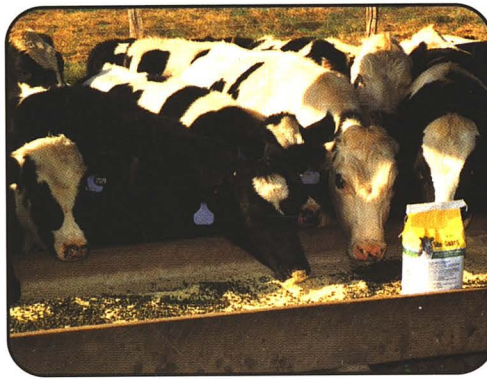
Programs & Events

- A The Scientific Program will be composed of the following sessions:
1. Plenary Sessions will be held to discuss topics of global importance selected by the International Committee of the WVA.
 2. Symposia will be conducted by both WVA and the WSAVA as they have been organized in previous Congresses. Each Specialist Association may have one symposium on a topic of current interest.
 3. Sessions — Over 30 scientific fields will be covered by the Congress. Presentations will be organized by both the WVA and the WSAVA for papers selected by the Specialist Associations.
 4. Special lectures, award winners' lecture and state-of-the-art lectures will be organized by the WSAVA.
 5. Poster Sessions will be organized by both the WVA and the WSAVA.
 6. Video Sessions — A number of video tapes can be shown using the S-VHS system.
 7. Satellite Symposia will be organized by several sponsors. Some will be held in other Asian countries.
 8. Scientific visits to various institutions, schools and industrial plants will be organized.
- B Commercial exhibitions will be held in a huge exhibition hall of 10,000 square metres at the Congress site. These will be jointly organized by the WVA and WSAVA.
- C Social Program — There will be a banquet, special programs for auxiliary staff, a concert and nightly events in addition to sightseeing tours during and after the Congress.

For further information, please contact:

Secretariat for W.V.C. '95
c/o Sankei Convention
Sankei Bldg. 10F, 1-7-2
Chiyoda-ku,
Tokyo, 100
Japan
Tel: 81-3-3273-2084
FAX: 81-3-3273-2439

Protect your replacement dairy heifers with the right formulations...



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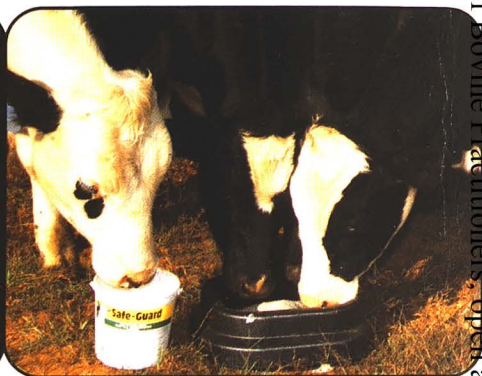
(fenbendazole)

(fenbendazole)

No matter how you choose to deworm your replacement dairy heifers Panacur/Safe-Guard has the right formulation for your operation.

Panacur/Safe-Guard comes in easy to use, convenient formulations, to meet your needs. Panacur paste or suspension when handling heifers, and Safe-Guard free-choice mineral or pellets for heifer self-medication.

Control all nine major types of worms, season after season, with safe, effective, Panacur and Safe-Guard from Hoechst-Roussel Agri-Vet Company. Because some things are too important to leave to chance.



Herd health programs using fenbendazole have shown:

- Improved growth
- Earlier calving
- Greater efficiency of heifer growth

Parasite-Free Heifers Reach Breeding Weight Faster**

State	County	Deworming Program	Controls	Results Over Controls
Minnesota	Washington Hennepin Wright	Twice in spring/early summer at 4 week intervals	Untreated or no planned program	+28 lbs and +17% more heifers recorded in heat at 15 months of age
Vermont	Chittenden	3-7 weeks*	Untreated	+38 lbs/head/134 days
Virginia	Montgomery	0-3-6-9 weeks	Treated at	Bred 58 days earlier turnout only
Wisconsin	Columbia	3-6 weeks*	Untreated	+44 lbs/head/83 days

* Heifers weighted less than 400 lbs at turnout, so they weren't treated at turnout.

** Source: Donald H. Bliss, Ph.D., The Cattle Producer's Handbook for Strategic Parasite Control.

HRAV

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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 _____

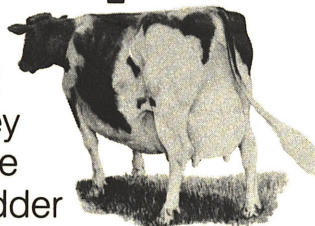
City, State, Zip _____

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

NAQUASONE^{®*}

Quickly gets caked udders back to normal production.

Untreated, caked udder (physiological parturient udder edema) can cost you money by keeping first calf heifers off the milking line for weeks. When not treated promptly, the udder swells, blood circulation is impaired, and milk production suffers.



Caked udder can also shorten a cow's productive life, lead to permanent udder damage and mastitis, and increase labor costs. So it's important to get caked udders back to normal fast. That's what NAQUASONE does.

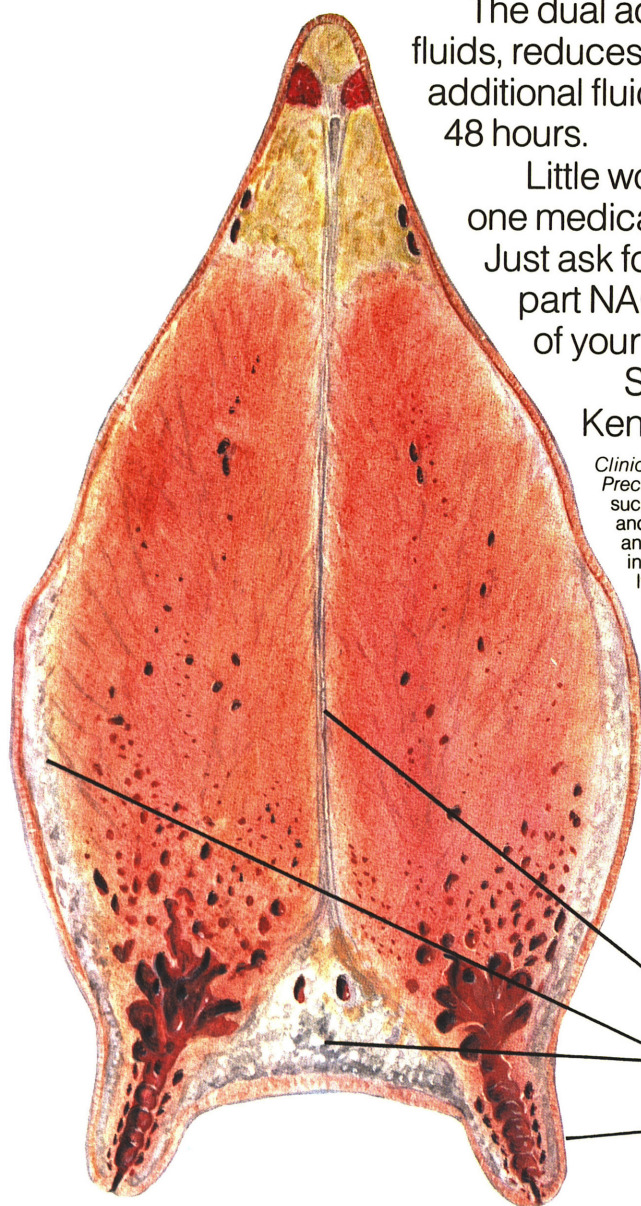
The dual action of NAQUASONE quickly drains trapped fluids, reduces swelling and inflammation, and prevents additional fluid formation. You'll see results within 24 to 48 hours.

Little wonder NAQUASONE has become the number one medication for caked udder. Your veterinarian has it. Just ask for the "big yellow pill." He'll explain the important part NAQUASONE plays in protecting the economic life of your herd.

Schering Corporation, Animal Health Division,
Kenilworth, N.J. 07033.

Clinical synopsis: Response: visible in 24-48 hours; average recovery in 3-4 days. *Precautions:* veterinarian should be aware of the possible side effects of dexamethasone such as suppression of inflammation, reduction of fever, increased protein degradation and its conversion to carbohydrate leading to a negative nitrogen balance, sodium retention and potassium diuresis, retardation of wound healing, lowering of resistance to many infectious agents such as bacteria and fungi, reduction in numbers of circulating lymphocytes. *Contraindications:* animals with severe renal functions, impairments and untreated infections. *Warnings:* Milk taken from dairy animals during treatment and for 72 hours after the latest treatment must not be used for food. Clinical and experimental data have demonstrated that corticosteroids administered orally or parenterally to animals may induce the first stage of parturition when administered during the last trimester of pregnancy and may precipitate premature parturition followed by dystocia, fetal death, retained placenta and metritis.

Schering



Strain on suspensory ligament

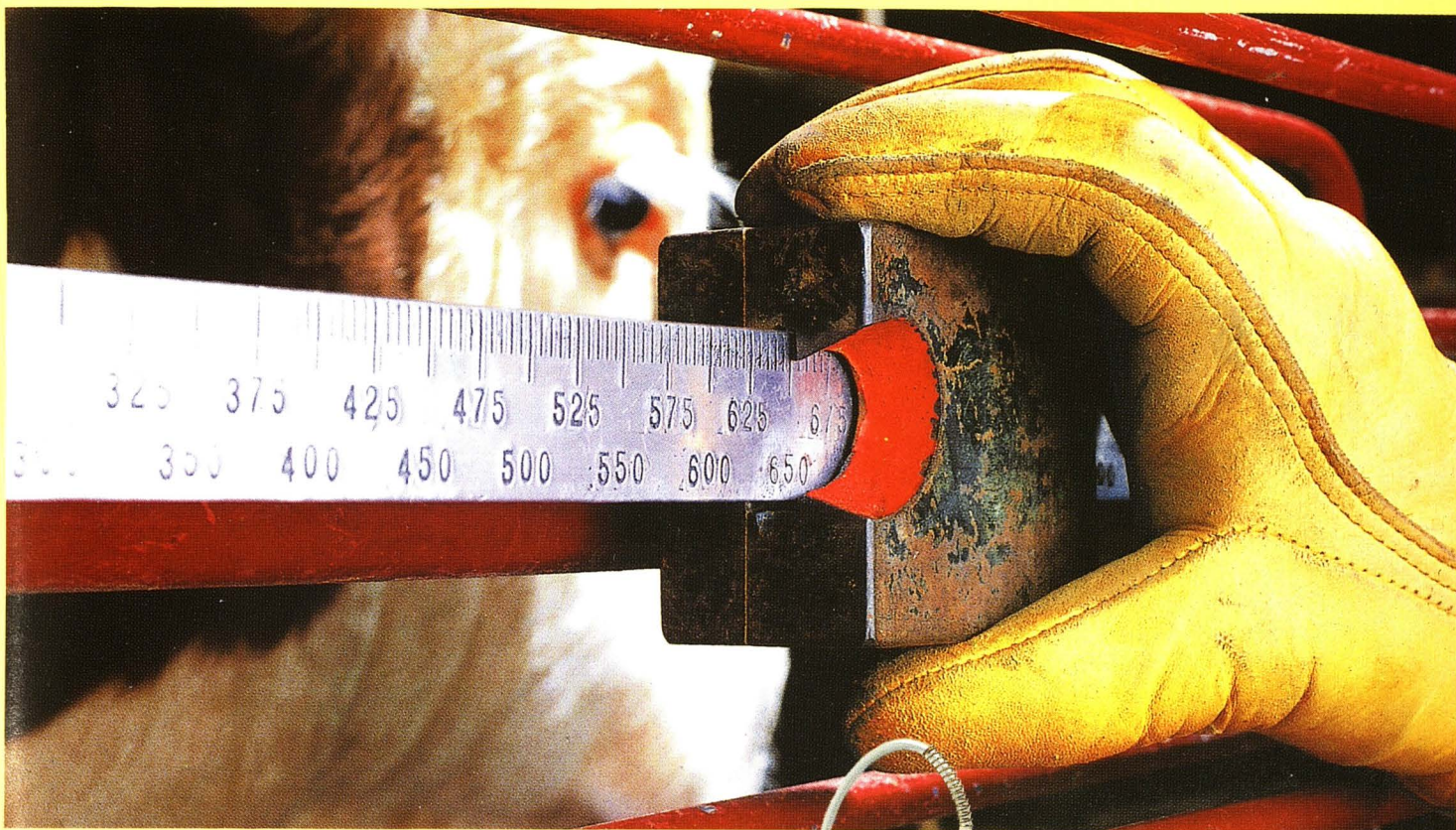
Excess fluid accumulation

Swollen teats

*Each bolus contains 200 mg. trichlormethiazide and 5 mg. dexamethasone.

Can IVOME[®] really (ivermectin) make a difference? You can bet the ranch on it!

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Year after year—ranch after ranch—it's the tale of the scale: regular parasite control can be worth its weight in beef. And for effective parasite control, IVOME[®] (ivermectin) products offer the broadest spectrum available in a single treatment.

Whether you've got a parasite problem that requires control three times a year, or just once or twice, effective treatment as often as needed can make a difference you can measure—not just in weight, but in profit, as well.

IVOME[®] brands offer thorough parasite control, killing both internal and external parasites.

And IVOME[®] brands give you the options you need to custom tailor a parasite control program for your herd. Maybe that's why IVOME[®] keeps on proving its worth, year after year.

For a heavier, healthier herd, the right parasite control program is important. So hit parasites as often as your animal health professional recommends... with IVOME[®].

It just may be the surest bet there is in the cattle business.



ivomec[®]
(ivermectin)

Proving its worth year after year