



WCABP newsletter

Volume 16 No. 3 September 2009

Gordie Jones' World

"Down on the Farm"



Central Sands Dairy has a capacity for milking 3,200 cows in a 72-cow rotary parlor three times a day. (Photo taken by Jane Fyksen, Agri-View, agriview.com.)

Central Sands Dairy is approximately a \$30 million operation that was built on an 80 acre site adjacent to Nekoosa, Wisconsin in 2007. The dairy herd numbers 3,800 cows of which 3,200 are actively milked. The other 600 dry cows are dry cows or springing heifers.

The Dairy has a capacity for milking 3,200 cows – three times a day. Approximately a third of the herd are Jersey. Jersey/Holstein crosses make up the balance. Average life for the cows at the farm is 5 years. Dr. Jones notes that, "The Dairy chose Jerseys for their high fat and protein

tests, smaller size resulting in less manure and smaller maintenance cost. The facilities were designed for Jerseys. However, at lender's insistence, they were built to easily convert to Holsteins".

Cows are milked in a 72-cow rotary parlor, three times daily, 24/7. There are 18 workers during the day with 25 in total. Dr. Jones commented that the cows are "prejudiced," noting that they tend to naturally group themselves by color for their ride on the revolving carousel. For instance, even cattle with the same shade of brown

continued on page 7 . . .



contents

- 3 Appreciation Dinner Celebrates Dean Rhodes' Career
- 4 Board of Directors
- 5 President's Report
- 5 Member News
- 7 Secretary-Treasurer's Report
- 7 Upcoming Events
- 8 2010 WCABP Conference & AGM
- 11 Call for Abstracts
- 12 Vaccine Pursuit Key Focus of *Mycoplasma bovis* Conference
- 14 Cattle Industry Council Report
- 15 PDS Update
- 16 WCVN News
- 17 Nominations for Boehringer Ingelheim Veterinarian of the Year
- 19 Distiller's Grains Raising Antibiotic Concerns
- 19 UCVN Report
- 21 WCABP Bovine Ultrasound Regional Meeting
- 22 Alberta Meat Strategy Laid Out Online
- 23 High Heat Packaging Developed for Beef Industry



**One implant.
That's it.
You're done.**



CANADA'S FIRST DELAYED-RELEASE COMBINATION IMPLANT

Revalor[®]-XS delivers trenbolone acetate and estradiol in a unique delayed release that means **your implant keeps on working so you don't have to.**

For more information, call our technical service at **1-866-683-7838.**



Revalor-XS
(trenbolone acetate 200 mg/estradiol 40 mg)

Appreciation Dinner Celebrates Dean Rhodes' Career

Nearly 200 people gathered on Saturday, June 13, to celebrate WCVM Dean Dr. Charles Rhodes' outstanding career with the Western College of Veterinary Medicine. Rhodes, who joined the WCVM faculty in 1971, is retiring at the end of this year after serving nearly eight years as the College's dean and 38 years as a WCVM clinician, professor and administrator.

The retirement dinner's program included words of appreciation from several key people in Rhodes' career including **Peter MacKinnon**, president of the University of Saskatchewan.

"In my experience, really good deans—the most able deans—are appreciated as much by their internal collegiate communities and by the larger university community. By that standard, Chuck has been simply an excellent dean," said MacKinnon. "During his deanship, as I have observed, the WCVM has built very important bridges to the rest of the campus in terms of interdisciplinary research around vaccines, public health, and interfaces of animal and human health. He has been an important supporter of the growing integration of the university's health sciences colleges and he has been a key participant in the new Council of Health Science deans."

Dr. Rhodes has agreed to stay on until December 2009 as the search for a new dean continues. 🍷



Bayer HealthCare
Animal Health
Doug Christie
Technical Sales Specialist

Bayer Inc.
c/o F.R. #1
Crossfield, AB T0M 0S0
Cell: (587) 888-0446
Fax: (403) 946-4165
doug.christie.b@bayer.com



Boehringer Ingelheim
Boehringer Ingelheim (Canada) Ltd.
5180 South Service Road
Burlington, Ontario
L7L 5H4

Milt LeBaron
Home: 780-467-1253
Home Toll Free: 1-800-221-8725
Cell: 780-707-4373
Email: lebaron@shaw.ca

2009 WCABP BOARD OF DIRECTORS



The WCABP Newsletter is published by the Association as a service to its members. The views expressed in this publication are not necessarily those of WCABP. Correspondence concerning the Newsletter should be directed to the WCABP Office.



PRESIDENT
Trent Wennekamp
Lloydminster Animal Hospital
6002 - 50th Avenue
Lloydminster, AB T9V 2T9
Phone: 780-875-5733
Fax: 780-875-5799
Cell: 780-808-0099
Email: twennekamp@lah.ca



PAST-PRESIDENT
Melodie Chan
Veterinary Dairy Health Services Ltd.
5945 Park Meadows Crescent
Olds, AB T4H 1Y2
Work and Mobile: 403-559-6352
Fax: 403-770-8180
Email: lilcowdoc@hotmail.com



PRESIDENT-ELECT
Sylvia Checkley
Faculty of Veterinary Medicine
University of Calgary
TRW Room 2D21
3330 Hospital Drive NW
Calgary, AB T2N 4N1
Email: slcheckl@ucalgary.ca



DIRECTOR
Doug Bazinet
Bazinet Livestock Health Services
#64 PTH 12 North
Steinbach, MB R5G 1T4
Phone: 204-326-3955
Fax: 204-326-4940
Cell: 204-321-5100
Email: bazinet@remotesat.com



DIRECTOR
Dorothy Krysak
Coaldale Veterinary Clinic Ltd.
Box 848
Coaldale, AB T1M 1M7
Phone: 403-345-2000
Fax: 403-345-3546
Cell: 403-894-9142
Email: dorothy.krysak@usask.ca



DIRECTOR
Tye Perrett
Feedlot Health Management Services
P. O. Box 140
Okotoks, AB T1S 2A2
Phone: 403-938-5151
Fax: 403-938-5175
Cell: 403-710-8567
Email: tyep@feedlothealth.com



DIRECTOR
Jason McGillivray
1465 Cariboo Place
Kamloops, BC V2C 5Z3
Phone: 250-374-1486
Fax: 250-374-1849
Email: jasonmcg7@gmail.com



DIRECTOR
Henry McCarthy
McCarthy Veterinary Services Inc.
Box 239
Wawota, SK S0G 5A0
Phone: 306-739-2552
Fax: 306-739-2171
Email: wmcCarthy@sasktel.net
EX OFFICIO DIRECTOR, DISTRICT XIII, AABP



Egan Brockhoff
5945 Park Meadows Crescent
Olds, AB T4H 1Y2
Cell: 403-559-6351
Fax: 403-770-8180
Email: egan_brockhoff@hotmail.com



SECRETARY-TREASURER
Murray Jelinski
310 Swan Lane
Saskatoon, SK S7J 5B5
Phone: 306-966-7166
Fax: 306-966-1935
Cell: 270-9118
Email: murray.jelinski@usask.ca



ADMINISTRATOR
Phyllis Mierau
112G - 116 Research Drive
Saskatoon, SK S7N 3R3
Phone: 1-866-269-8387
Fax: 306-956-0607
Email: info@wcabp.com

Administrator's Report

The summer has flown by! Since the June newsletter we have:

- Organized the Bovine Ultrasound Regional Meeting which was held in Saskatoon on August 20th. The response to this was overwhelming. Hence, a similar meeting will be held in Alberta on September 30th. There are still a few spots left so if you are interested, call or email the office.
- Prepared a series of financial working papers to assist the Association's external auditor conduct his audit of the Association's June 30, 2009 financial statements.
- Began planning for the 2010 Annual Conference to be held in Calgary next January. As you will read in this newsletter, Conference Chair Dr. Sylvia Checkley has assembled an attractive array of speakers. Initial notices have been sent to veterinary journals and associations. We anticipate mailing conference information packages to all members, along with Membership renewals, sometime in October.
- Each quarter we assemble the articles and ads for this newsletter, as well as coordinate meetings of the Board.

Enjoy the last days of summer!

Phyllis Mierau Administrator



Agents of Change

The number of members in the WCABP has been on a downward slope for a few years now. It's easy to blame the changes in bovine practice in Western Canada over the last number of years. However, since that is something we don't have a lot of control over, we have chosen as a Board to try and look at other ways of reversing this trend. Providing greater value to our members was identified as something that could increase membership at the strategic planning session two years ago. But what could we do to provide value to our members?

In trying to answer that question I think of the above quote. What do we often consider impossible, but if we could do it would change everything? As you might remember from Murray Jelinski's presentation at WCABP Conference in 2008, the number one reason young veterinarians leave food animal practice is long hours and too many nights on call. That problem might truly be impossible to remedy. But the second most common reason for young veterinarians leaving food animal practice is lack of support and mentorship. While improving mentorship and support within a practice may seem like an impossible task, I believe if we can do it, it will go a long way to reversing the trend of young veterinarians leaving food animal practice.

So with that in mind, how can the WCABP help? What can we do as an organization to help our members improve mentorship and support within their practices, thereby increasing our value to our members? This is

"What do I believe is impossible to do in my field, but if it could be done would fundamentally change my business."

Joel Barker

not an easy question to answer and one that the Board is currently wrestling with. If you have any suggestions we would love to hear from you.

One of the ways we can improve mentorship and support is raising the awareness level of our members to this problem. That is one of the reasons for me writing this article. Not very many young veterinarians when leaving a practice will tell their employer that they are leaving because you, the employer, didn't mentor them. They usually just say that they need to move for family reasons, or to be in a bigger center, or they want to do a different type of practice. However, according to a study done by Jelinski *et al* to be published in the September issue of the Canadian Veterinary Journal, those reasons all ranked below mentorship. In fact, over fifty percent of young veterinarians left food animal practice due to a lack of mentorship and support, while only thirty percent or less of veterinarians listed those other reasons as impacting their decision to leave food animal practice.

Mentorship is an area where we could all improve, and I could definitely include myself in that category. Feel free to contact any Board member with suggestions in this area, and watch for updates on initiatives for improving this area of bovine practice in the future. 🐾

Respectfully submitted
Trent Wennekamp

Advertising Index

Thank You for Supporting WCABP

ADVERTISERS	PAGE
Bayer HealthCare	3, 10, 14, 22, 23
Boehringer Ingelheim (Canada) Ltd.	3, 22
Canwest DHI	14
Elanco Animal Health	24
Grober Nutrition	14
Intervet/Schering-Plough Animal Health	2
Novartis Animal Health	23
Pfizer Animal Health	17, 18, 20
Rafter 8 / McCarthy & Sons	13
Rominick Livestock Services	21
Vetoquinol Canada Inc.	insert
WDDC	4



Member News

Congratulations to **Tom Schmidt**, associates and staff at Lakeland Veterinary Services Ltd., North Battleford who was the winner of the Business of the Year Award at the annual Battlefords Business Excellence Awards.

Best wishes to **Julie de Moissac** (Outlook, SK) who assumed the presidency of the Canadian Veterinary Medical Association at the recent AGM in Montreal.

Dr. Egan Brockhoff joins the Department of Production Animal Health, UCVM, as a sessional faculty member.

Dr. Gord Atkins received the following awards this year:

- Ralph J. Barichellow Award from Jersey Canada
- Superior Accomplishment Award from Holstein Canada
- Dairy Cattle Improvement Industry Distinction Award by the Canadian Dairy Network
- Jim Clark Distinguished Service Award from the Calgary Stampede

Congratulations Gord!

CVFAN Maintain the Trust



"Our goal is to ensure open, transparent and pro-competitive pricing policies within the industry"

CVFAN action plan is:

1. To unite and network veterinarians across Canada to monitor and discourage discriminatory drug pricing from entering the marketplace.
2. To inform pharmaceutical companies that their pricing policies discriminate between competitors and are causing significant harm to competition amongst veterinarians.
3. Encourage the development of open, transparent and pro-competitive pricing policies.

If you require additional information on our group or have interest in joining do not hesitate to contact one of our **Western Canadian committee members** – Dr's: Roy Lewis, Wayne Thiessen, Dave Holroyd, Bruce Wine, Bob Bellamy, Clarke Hill and Rex Leach – or visit our website.

www.cvfand.ca



"Your Success is Our Business"

**MEMBER OWNED
SERVICE DRIVEN
INNOVATIVE**

- 21,300+ products from over 280 suppliers
- Product catalogues twice a year / full color instrument picture catalogue once per year
- Extensive assortment of retail pet products and full color retail pet catalogue
- Late order cut-off (3pm rural 5pm local) with next-day, pre-paid delivery to most of Western Canada
- Weekend shipments for Monday delivery
- Annual dividends based on purchases (includes case lot items)
- Case lot discounts for members
- Discounted pet food pricing (value-packs)
- Multiple payment methods (Visa®, Mastercard®, Pre-authorized withdrawals)
- Prompt payment discount off statement
- Toll-free fax and phone ordering
- Online ordering with up-to-date product pricing; quantities on hand; expiry dates; ETA on MFG items & customizable retail price ticket feature
- Online controlled substance ordering with next-day delivery
- Web links to our Professional Pet Products retail website
- Full line of instruments, kennels & cages, surgery tables & lights, various equipment
- Returns processed and credits issued within statement periods
- Prime Vendor Partner Program
- Custom member sales reporting & shelf labels
- Member Affinity Programs such as long distance savings, auto leasing, fuel discounts, discounted courier rates, lobby fixturing & layout, waste disposal, web site creation, office & janitorial supplies, instrument sharpening, equipment repairs, Minolta office equipment (photocopier & fax), insurance and payroll services as well as association with LifeLearn Inc.
- CCIA (Canadian Cattle Identification Agency Program) supplying RFID tags, producer information uploads to CCIA free of charge and clinic customer support
- Herd Management Program
- Veterinary apparel clothing
- Practice management CE (continuing education) for AHT's and Veterinarians
- Human Resource support for members

For further information on the above services contact Customer Service
Toll Free Phone 1-877-746-9322 • Toll Free Fax 1-800-329-9332 / 1-780-413-2530



Secretary-Treasurer's Report



The Board of Directors has met twice since the last Newsletter with the main topic of discussion being next January's Conference, which will be held in Calgary. Sylvia Checkley is this year's

Conference Chair and she has done a great job of pulling together a very interesting program, which Ray will discuss elsewhere in this Newsletter. While on the topic of CE, the WCABP recently sponsored a regional CE meeting dedicated to ultrasound, which was very quickly oversubscribed. There has been sufficient interest that plans are also underway to hold a similar meeting in Olds, Alberta in late September. We thank Dr. Bronson for helping us coordinate this meeting.

As I indicated in my last report, the Board is very sensitized to the decline in our membership. One of the main factors that has been identified by John Campbell and myself in our demographic work, but which is certainly not new, is the impact that mentorship has on employee retention, particularly new graduates. We think that the WCABP has a leadership role to play in regards to this subject and we are

now in the process of developing a strategy on how best to assist our members, mentors and mentees, in this regards. We are very interested in your feedback on this subject and if you know of a Human Resources professional who could help us develop a mentorship training program then please let us know.

I would like to remind all members that the American Association of Bovine Practitioners (AABP) will be hosting its annual conference in Omaha, NE from September 10-12, 2009. The AABP always hosts a good meeting and having been to Omaha a number of times I can say that it is a nice place to visit. In addition, the Canadian Association of Bovine Veterinarians (CABV) will be holding its AGM on Thursday, September 10th (over the lunch hour). Last year we had over 40 CABV members in attendance for this meeting. If you are not able to attend the meeting I would encourage you to complete the "Appointment of Proxy" form which was emailed to you the end of August. See you in Omaha. 🐾

Kind regards,
Murray Jelinski

"Down on the Farm"

... continued from page 1

tend to hang out together. He also noted, "The cattle contentedly ride around on the BouMatic carousel, chewing their cud and not even making manure or urine. It is very easy to train cows in a rotary parlor. The average ride is a little over seven minutes, with a new cow coming on every six seconds. Four milkers handle the carousel, assisted by a fifth employee who pushes cows up in the holding area.

The free-stall barns are airy, clean as a whistle and ultra-comfortable for the cows, which are averaging a 119,000 cell count at present.

All manure is vacuumed from the stalls after cows are moved to the milking area. It is then run through a methane digester that creates four streams of products. The first is reclaimed sand which is washed,



dried and used for bedding. The second is methane gas which is burned in a 720kw generator to power the dairy and market to neighboring homes. The third is undigested solids which is marketed as a potting type soil having very little odor. The fourth product is digested black liquid containing up to 1.5% solids. This liquid goes out through nearly 7 miles of pipe to the sprinkler systems that water and feed the crops grown for the dairy. The combined operations use 180,000 gallons of water per day. 🐾

Upcoming events

Sept 10, 2009 2nd Annual General Meeting of the Canadian Association of Bovine Veterinarians (CABV)

Qwest Centre, Omaha, Nebraska
12:30 pm, Room 210-212, 455 North 10th St.

Sept 10-12, 2009 American Association of Bovine Practitioners (AABP) 42nd Annual Convention

Omaha, NB.
For information, visit www.aabp.org.

Sept 17-19, 2009 Canadian Embryo Transfer Association (CETA/ACTE) & American Embryo Transfer Association (AETA) 2009 Joint Scientific Convention

Hilton Montréal Bonaventure, Montréal, Québec. For information, visit www.ceta.ca/convention.htm, call the CETA/ACTE office at 613-258-5944 (Ext 313), or email ceta@ebi.ca.

Sept 30-Oct 1, 2009 WCABP Bovine Reproductive Ultrasound Regional Meeting

Olds, AB. Instructors will be Drs. Craig DeMuth and Andrew Bronson. For more information, call Phyllis at 1-866-269-8387 or email info@wcabp.com.

Oct 17-20, 2009 CanWest Veterinary Conference 2009

Fairmont Banff Springs Hotel, Banff, Alberta. This annual conference is jointly hosted by the Alberta and British Columbia Veterinary Medical Associations. For information, visit www.canwestconference.ca

Nov 20-21, 2009 Atlantic Bovine Practitioners Association (ABPA) - Annual Conference

Crystal Palace Hotel, Moncton, NB. For information, email Shawn McKenna at slmckenna@upe.ca or Dr. Frank Schenkels at fschenkels@sympatico.ca, or visit http://people.upei.ca/slmckenna/Atlantic_Bovine.html.

Sept 24-27, 2009 l'Association des Médecins Vétérinaires Praticiens du Québec (AMVPQ) Annual Conference and AGM

Centre des Congrès de Lévis, Québec. For more information, email Dr. Michel Donnelly at amvpq@amvpq.org or visit www.amvpq.org.

Nov 19, 2009 Ontario Association of Bovine Practitioners (OABP) & Ontario Agri-Business Association (OABA) Fall CE Meeting and AGM

Holiday Inn, Guelph, ON. For information, call Ruth Cudmore at 519-846-2290, email oabpruth@everus.ca, or visit www.oabp.ca.



Thursday-Saturday, January 14-16, 2010
Sheraton Cavalier Calgary Hotel, Calgary, AB

Dr. Sylvia Checkley and her team of 2010 conference planners are well on their way to putting together an annual meeting that could well be recognized as our 'best yet.' Very few spaces are left to fill. Speakers will be encouraged to focus their presentations on information of practical interest to bovine practitioners.

Conference Hotel

Sheraton Cavalier Calgary Hotel
2620 32nd Avenue NE, Calgary, AB

There will be a change in venue for this year's conference. We have chosen the Sheraton Cavalier Calgary Hotel, overlooking downtown Calgary and the Rocky Mountains. It is located just 10 minutes from the airport and 10 minutes to downtown. Amenities include a modern 24-hour fitness centre, complimented by Calgary's largest indoor water park. There is plenty of convenient complimentary parking and 24-hour airport shuttle service is provided by the hotel for \$5.00/room round trip. Phyllis Mierau, our ace negotiator, has obtained an excellent rate of \$144 per night (single/double occupancy).

To book hotel rooms call 1-403-250-6373

To qualify for the conference room rate, indicate at the time of booking that you are with the WCABP.

Thursday, January 14th

Following a complimentary breakfast, the first day of the conference will take the form of two concurrent sessions—beef and dairy. This traditional approach encourages speakers to provide in-depth presentations for each discipline.

The Beef Session

Dr. Dan Grooms of the Department of Large Animal Clinical Sciences, Michigan State University, will provide a thorough and intensive look at the changing face of bovine viral diarrhoea, which continues to be high on the list of diseases that plague the beef industry.

Convention goers will be pleased to learn that Brad Wildeman, always well received by WCABP audiences, will be in attendance. Brad, the current president of the Canadian Cattlemen's Association, operates Pound-Maker AgVentures Ltd, a 28,500-head feedlot and ethanol facility at Lanigan, Saskatchewan. There is no one in a better position to comment on what lies ahead for the Canadian cattle industry.

Dr. Daryl Nydam of the Department of Population Medicine and Diagnostic Sciences, Cornell University, will join WCABP's own Dr. Calvin Booker of Feedlot Health Management Services at Okotoks, Alberta, for an in-depth current review of the practical applications of epizootiology in beef practice.

The beef session will close with a presentation on trichomoniasis, for which speaker arrangements are in process.

The Dairy Session

The Dairy Session will feature presentations by two internationally recognized authorities on dairy cattle.

Dr. Gordon Jones, a warmly received speaker at the WCABP inaugural conference, is currently the owner/manager/veterinarian of Central Sands Dairy, Nekoosa,

Wisconsin. The cover story of this newsletter has some interesting facts and figures on the size of this enterprise. Dr. David Kammel of the Biological Systems Engineering Department, University of Wisconsin, will join Gordie to present five hours of first-rate continuing education covering dairy consultation, trouble shooting dairy problems, image marketing, modernizing calf barns, and more.

Drs. Calvin Booker and Daryl Nydam (see above) will finish the day with a presentation on practical dairy epizootiology.

Friday, January 15th

The Scientific Sessions

Following a complimentary breakfast, the scientific sessions will commence with selected case presentations by WCABP members. See page 11 of this newsletter to find out how to submit an abstract (the deadline is October 1, 2009).

Dr. Kee Jim of Feedlot Health Management Services in Okotoks, Alberta, who has been appointed to the Alberta Livestock and Meat Agency (ALMA) board, will discuss ALMA activities and ensure we are aware of the impact the agency could have on the veterinary profession as well as potential opportunities. ALMA was established in 2008 to achieve long-term success for Alberta's livestock and meat industry. Objectives of the agency are to help the livestock industry become sustainable, profitable and, internationally competitive by focusing on marketing, research, and production. Four key functional areas have been identified: market development, supply chain

efficiencies, innovation and industry capacity, and capability development.

Drs. Calvin Booker and Daryl Nydam (see above) will complete the morning program with a presentation entitled Understanding Diagnostic Tests—always a welcome topic.

Annual General Meeting

The 2010 WCABP Annual General Meeting will take place over lunch.

Student Case Presentations

WCABP and Intervet/Schering-Plough have teamed up to support the 2010 Student Case Presentation Competition (for more information, see page 11). Plan to be in attendance to support the efforts of our student members.

Reception

Friday evening has been reserved for the WCABP buffet and entertainment.

Saturday, January 16th

Dr. Otto Radostits Seminars

The 2010 Dr. Otto Radostits Seminars will be of notable importance for the *One World—One Health* theme that has been selected in keeping with the strategy recently developed by four international technical agencies involved: the Food and Agriculture Organization of the United Nations (FAO), the World Organization for Animal Health (OIE), the World Health Organization (WHO), and the United Nations International Children's Emergency Fund (UNICEF).

The strategy relates to the prevention and control of emerging infectious diseases at the animal/human interface—those with the potential to cause epidemics and pandemics—but also those animal diseases that have an impact on food security and poverty, since that is also a public health problem.

Two world-recognized authorities will make presentations at the Calgary meeting on Saturday, January 16th. We are pleased to announce that Dr. Brian Evans, executive vice-president of the Canadian Food Inspection Agency, plans to be in attendance. Dr. Evans will be joined by his distinguished friend and colleague Dr. Alexander Thiermann, president of the Terrestrial Animal Health Standards Commission of the World Organization of Animal Health (OIE), Paris. Drs. Evans and Thiermann will discuss various aspects concerning the control of animal diseases on a global basis.

The Conference Program Committee is in contact with notable speakers to finalize the afternoon session, which will focus on current concepts in the control and eradication of specific diseases. To date we have confirmations from Dr. John Gay, Washington State University, who will address salmonellosis, and Dr. Marie Gramer, University of Minnesota, who will speak on mammalian influenzas.

WCABP conferences have earned a reputation for providing top value for your continuing education dollar. Keep in mind that the registration fee covers admission to all sessions, conference notes, plus breakfast, lunch, and refreshment breaks. 🌿

submitted by **Ray Butler**

Now is the time to make plans to be in Calgary on January 14, 15 and 16.



Baytril 100 for Tough BRD

FAST, EFFICIENT AND RELIABLE... SOUND FAMILIAR?

Baytril 100[®] is Canada's only single-dose, rapid-killing fluoroquinolone approved for therapy of bovine respiratory disease. Baytril starts killing the bugs that cause BRD within minutes, significantly reducing fever within 24 hours and improving attitude score within 24 to 48 hours¹.

Single-dose therapy with Baytril 100 saves your clients the time and expense of repeated chute trips, and reduces the stress that handling can place on already sick cattle².

The excellent syringeability of Baytril 100³ offers quick and easy administration of therapy, even in the toughest Canadian climates.

INJECTABLE
Baytril 100
(enrofloxacin)

The right choice at the right time.



Bayer HealthCare
Animal Health

¹ Data on file (Study Report 74653). ² Baytril 100 and A180 comparison study (BL3261).

³ Syringeability and Viscosity Testing of Baytril 100 Injectable Solution – Report 03-02. * Please see product insert prior to use for complete details

[®]Baytril, Bayer and Bayer Cross are registered trademarks of Bayer AG, used under license by Bayer Inc.



Call for Abstracts

WCABP / Intervet / Schering-Plough Animal Health Student Case Report / Research Presentation Competition

19th Annual WCABP Conference
January 14-16, 2010
Calgary, AB

Case Presentations / Research Presentations / Practice Tips

19th Annual WCABP Conference
January 14-16, 2010
Calgary, AB

Case presentations have been a valued part of past WCABP conferences. The conference organizers would like to extend an invitation to interested WCABP members to submit an interesting, unusual or challenging cases in bovine practice, which will hopefully spark discussion or debate. Presentations could also describe a useful practice tip or research study.

Abstracts should be less than 250 words. Case reports should describe the presenting complaint, case workup, laboratory results and discussion. Practice tips should illustrate the tip and its practical applications. Research presentations should include basic background, methods and materials, results and discussion.

Abstracts will be accepted for consideration until October 1, 2009. Two case reports will be selected by the board from the submissions received. Presentations should be 20 minutes in length and presented in PowerPoint format (5 minutes allotted for questions). Those members who are chosen to present will receive complimentary registration to the 2010 Annual Conference.

If you have any questions, please feel free to contact Dr. Sylvia Checkley (Conference Chair) through info@wcabp.com.

Who is eligible?

All WCVU and UCVM veterinary undergraduates (from any year in their program), as well as 2009 graduates (presenting work carried out while a student).

What is involved?

Abstracts are submitted to the WCABP Board of Directors and four are chosen for oral presentation at the annual conference.

Abstracts should be limited to 250 words. Case reports should include the presenting complaint, case workup, laboratory results and discussion. Research presentations should incorporate basic background, methods and materials, results, and discussion.

If your abstract is chosen, you will receive complimentary registration to the 2010 conference. You will be required to prepare a 15-minute PowerPoint presentation (5 minutes allotted for questions).

Oral presentations will be judged on scientific merit as well as presentation skills. Relevance to bovine practice is a must. The winning presentation will receive a laptop computer (or cash prize equivalent of \$1,200).

The conference is January 14-16, 2010. Students will present on Friday, January 15.

Where is it?

The 2010 conference will be held at the Sheraton Cavalier Calgary Hotel, Calgary, Alberta.

When is the deadline?

Abstracts should be submitted by October 1, 2009, to info@wcabp.com. You will be informed by November 1, 2009, if your presentation has been selected.

Why should I enter?

This is a student competition to encourage development of scientific inquiry methods and communication abilities. We also value student involvement in WCABP and enjoy opportunities for networking with students.

If you have any questions, please feel free to contact Dr. Sylvia Checkley (Conference Chair) through info@wcabp.com.

www.wcabp.com

TO KEEP TABS ON YOUR ASSOCIATION
& YOUR INDUSTRY

- Updates on 2010 Conference
- Proceedings from the 2009 Conference
- Numerous links to sites of interest
- Latest industry information
- Vet Advice columns (contributed by WCABP members, and published in the Canadian Cattleman)

Vaccine Pursuit Key Focus of *Mycoplasma bovis* Conference

The challenges of dealing with and controlling *Mycoplasma bovis* in cattle brought together more than 130 private practitioners and researchers from around the globe to Saskatoon, SK, in early July for the inaugural International Conference on Bovine Mycoplasmosis.

The disease typically leads to the development of chronic pneumonia and polyarthritis syndrome (CPPS) in feedlot cattle. *Mycoplasma bovis* is also associated with

mastitis in dairy cattle, plus it causes pneumonia and neurological disease in young dairy and beef calves.

Treatment costs, lost growth performance and poor carcass quality associated with CPPS-affected animals make this disease economically important to the world's cattle industry. As well, a percentage of calves will die of CPPS-related disease or will be euthanized because of animal welfare concerns.

Chair in Beef Cattle Health and Production Medicine.

Mycoplasma is a common bacterium to many different species of animals and even humans, but the species or strain of bacteria is very specific to each animal. While effective vaccines have been developed for mycoplasmas associated with poultry and swine, a highly efficacious, commercially available vaccine has yet to be developed for *Mycoplasma bovis* — the main species that affects cattle.



Mycoplasma bovis typically leads to the development of chronic pneumonia and polyarthritis syndrome (CPPS) in feedlot cattle. The disease is also associated with mastitis in dairy cattle, plus it causes pneumonia and neurological disease in young dairy and beef calves. Images A and B show the disease's effect in bovine lungs.

Joints, such as the stifle joint in image C, are another common area of infection. *Mycoplasma bovis* makes movement very painful for affected cattle.

Photos courtesy of Dr. Edward Clark

“When we came up with the idea of hosting the world's first international meeting on mycoplasmosis, the initial goal was to attract 80 to 100 people. Having over 130 people from Europe, Israel and across North America indicates the global importance of this disease in cattle production,” says conference chair Dr. Murray Jelinski.

Jelinski is part of a cluster of researchers at the Western College of Veterinary Medicine (WCVN), the University of Saskatchewan's College of Agriculture and Bioresources, and the Vaccine and Infectious Disease Organization (VIDO) who have an interest in bovine mycoplasmosis.

That strong base of local expertise made Saskatoon the ideal host city for a conference that brought together the world's top mycoplasma researchers. “The panel of speakers was truly a ‘who's who’ in mycoplasma research,” says Jelinski, a WCVN faculty member and the current Alberta

“The lack of a good vaccine was one of the main reasons for hosting this international conference,” points out Jelinski.

More than 40 of the conference's attendees were private veterinary practitioners with many having large and progressive consulting practices. From their perspective—and from that of their clients—the event's most dynamic sessions were those related to vaccine development:

- An experimental vaccine's efficacy: Dr. Robin Nicholas, a world expert on bovine mycoplasmosis from the Veterinary Laboratories Agency (Weybridge) in Surrey, U.K., provided promising data on an experimental vaccine that his laboratory tested in a dairy herd whose young dairy cattle were chronically infected with mycoplasmosis. Vaccination appeared to reduce disease incidence.
- The need to recreate “real world” disease: Dr. Ricardo Rosenbusch of Iowa



State University spoke about the need to develop appropriate experimental models that mimic the disease in the “real world.” While many models produce mycoplasmosis in “challenged” calves, it’s very difficult to recreate the severity of the disease seen in feedlots. It’s also difficult to reliably recreate the polyarthritis syndrome in research animals.

However, Dr. László Stipkovits of the Veterinary Medical Research Institute in Budapest, Hungary, produced arthritis in his challenged calves by choosing the appropriate strain of *M. bovis*. If his theory is correct, this will have significant ramifications for developing a vaccine: multiple strains may be needed to provide protection against pneumonia, arthritis and other aspects of the disease.

Three years into his research program, Dr. Jose Perez-Casal of the Vaccine and Infectious Disease Organization (VIDO) in Saskatoon, SK, reported that the research group has developed a very good model for testing vaccines. The team is also working on a number of unique technologies for vaccine development.

- Will vaccines increase incidence of disease? Rosenbusch presented data to show that in some instances vaccines will actually increase the incidence of disease. This phenomenon has been seen with vaccines for other diseases, so it isn’t totally unexpected.
- Shifting identity of *M. bovis*: Dr. Michael Calcutt of the University of Missouri provided additional insight into the challenges of developing a vaccine for mycoplasmosis. *M. bovis* is very adept at changing its appearance: it constantly changes its surface proteins which makes it difficult for an animal’s immune response to “recognize” the infection. The challenge in developing an effective vaccine for *M. bovis* is to find a set of unique surface proteins that remain constant over time and across all strains of the organism.

Jelinski says U of S researchers are already pursuing collaborative research projects with researchers in the U.S. and the U.K., and it’s expected that many more collaborations will develop — a positive result of the Saskatoon conference. Other developments include establishing a website for the

international mycoplasma community and organizing a second conference in 2011.

Jelinski adds that conference organizers were also successful in garnering support from stakeholder groups and others involved in the cattle industry. Sponsors included Pfizer Animal Health, Intervet/Schering-Plough Animal Health, Boehringer-Ingelheim, Novartis Animal Health, Alberta Beef Producers and the City of Saskatoon. The University of Calgary’s Faculty of Veterinary Medicine, and Agriculture and Agri-Food Canada (via the “Advancing Canadian Agriculture and Agri-Food Fund”) also supported the conference.

“At the beginning of his presentation, Dr. Nicholas predicted that future groups would look back at the Saskatoon meeting as being pivotal to fostering new research on bovine mycoplasmosis and collaborative partnerships,” says Jelinski. “I think we’re already on our way to making his prediction come true.”

RAFTER PRODUCTS

4746 - 14th St NE Calgary AB T2E 6L7
 Toll Free 1 800 461 8615 - 403 291 3640
 Fax Toll Free 1 888 292 4548 - 403 250 2703

Dofatrim - Ject 250mL (Trimethoprim & Sulfoxadine)
Dofatrim - Ject 100mL (Trimethoprim & Sulfoxadine)
Dexacort 5 100mL (Dexamethasone 5mg/mL)
Rafterdex 100mL (Dexamethasone 2mg/mL)

All products available across Canada, please contact your local buying group for pricing.

Cattle Industry Council Report

The Alberta Beef Producers (ABP) has a committee entitled *Cattle Industry Council (CIC)*, which allows representatives from different business sectors involved in the beef industry to have a voice in matters of mutual interest between their particular industry and the ABP. The veterinary profession has two representatives on this Committee: Dr. Clay Gellhaus representing the ABVMA and me, Dr. Craig Dorin, representing the WCABP. This report summarizes the last meeting held June 16, 2009.

The Verified Beef Production (VBP) program was discussed because of concerns regarding the federal government moving away from supporting this endeavor and reducing funding in favor of these programs being managed more at the provincial level. This raises the concern that there will be discrepancies between provincial administration of the food safety program and weakens the overall Canadian food safety standards needed to have continued access to international markets.

In Alberta approximately 4,000 producers have taken the initial training, of which only 100 have formally registered for the program. The majority of finisher feedlots in Alberta are already meeting the requirements for the VBP program, but have not gone through the audit and registered. At this time there are not factors (economic?) driving the critical masses to register. Other food animal industries have made similar programs compulsorily for the good of the industry as a whole. The CIC will support, through the ABP and Canadian Cattlemen's Association, a lobby to other provinces for continuing to support a National VBP program.

The Alberta Animal Health Act Regulations is currently under review and there are many industry groups affected by this review. Each industry sector has concerns as to how their concerns would be reviewed and whether there would be opportunity to review the draft regulations and make comments prior to them being finalized.

Some of the topics for which concerns were raised would include livestock bedding requirements at Livestock Markets, changes to products sold at Production Animal Medicine outlets, dead stock



disposal and destruction regulations and finally options to meet the traceability requirements mandated in this legislation. The conclusion was that the industry needed to speak with a unified voice on their common concerns. 🐾

submitted by **Dr. Craig Dorin**
CIC Representative for WCABP



Bayer HealthCare
Animal Health

Tracy Ward, B.Sc., D.V.M., M.Sc.
Regional Sales Manager/Field Veterinarian

Bayer Inc.
77 Bellfield Road
Toronto, ON M9W 1G8
Tel. (403) 201-4712
Cell (403) 861-4453
Fax (403) 201-3643
tracy.ward.b@bayer.com

HERD HEALTH

To maintain a healthy herd
and improve your profitability,
milk test for **Johne's,**
Leukosis, and **Staph ID.**

- ✓ **Reliable**
- ✓ **Convenient**
- ✓ **Cost Effective**



1.800.549.4373 www.canwestdhi.com



www.grobernutrition.com

Anton Reijmers
Territory Sales Manager

cell 519-240-4730
fax 519-622-7694

areijmers@grober.com

415 Dobbie Drive,
Cambridge, ON N1T 1S9

PDS Update



Selenium—The Most Common Toxicity?

If you ask bovine practitioners “what is the most common toxicity that you see?”, I expect the most likely response you would get would be lead. We see cases of this every year, due to animals being exposed to lead in old pastures or farm sites with discarded batteries, lead paint, etc. There is another element that should probably be on this list, and it may be occurring at a higher rate than lead toxicity. I am referring to selenium toxicity, which we are recognizing almost as often as we see lead toxicity. I also think some situations involving selenium toxicity are ones which would be very easy for us to miss in daily practice.

This spring, we sent an aborted fetus to PDS through the Saskatchewan Ministry of Agriculture bovine abortion project. The fetus came from a well-managed herd, which had received all of the recommended vaccinations, and was on an adequate nutritional supplementation program. The only notable finding from the fetus that was submitted was peracute myocardial degeneration, together with toxic levels of selenium in the liver tissue. Later in the spring I was at this farm to perform a postmortem exam on an adult cow and 2 calves which had died over the previous 2 days. The cow died due to bloat, while the 2 calves had died at under 2 days of age with no clinical sickness. There were no obvious gross postmortem findings. The heart and other muscles in these calves looked grossly normal. Because of the previous history with the aborted calf, I took liver samples for submission to look at selenium levels (PDS mineral panel #1). Both of the calves came back with toxic selenium levels. Had the owner chose to have us do histopathology on both calves, I am fairly confident we would have seen histologic evidence of heart pathology, although there was no obvious pathology grossly.

Why would we have selenium toxicity in a beef cow herd grazing native range in summer, on a diet of hay and greenfeed in the winter, and having no access to any soil type or plant that is known to have a high selenium level? The answer will most likely lie in free choice supplementation, combined with the individual cow's behavior. A good friend of mine once shared with me some details from a small study with some cows grazing and being fed mineral supplement by a computer feeder/neck collar system. The goal of that study was to achieve a free choice intake of 100 g per cow per day. The group of cows consumed an average of 102 g per head per day. Within the group, however, one cow ate 30 grams once (no more consumption after that), while another cow ate 902 g of mineral per day. With most of our common mineral mixes containing 30 mg per kilogram of selenium, it is easy to see how toxicity could happen when cows are allowed free choice access to a palatable mineral. It also explains how we could have a few animals in the herd affected with a severe toxicity, while other animals have normal levels of selenium. It would be quite easy to do a random sampling of 10% of the animals in a herd and miss a problem like this entirely. Because free choice

mineral intake is quite variable and can be sporadic, herd-based screening by itself could be misleading and lead a producer to the wrong conclusions, potentially costing them thousands of dollars in lost animals and productivity of their herd. It is important to have surveillance of clinical cases, and not rely on herd screening tests alone to catch a problem such as this. Indeed, analysis of tissues from clinical cases will often identify a problem which can be investigated further by doing herd screening tests such as serial sampling from the main cowherd.

What is the answer for the producer in this case? We know that he will need to modify his mineral feeding program, either by using salt to reduce intake, or using supplement pellets that are fed to all the cows at an equal rate. At the very least, mineral should be fed only at the rate the cows require, and be provided in feeders that discourage dominant cows from consuming all of the mineral (i.e., provide lots of bunk space for feeding mineral). We will continue to monitor animals from this herd to determine whether there is still a selenium toxicity present in young calves after management and feeding practices have been changed.

We have seen problems such as this in our practice before. Another case involved calves dying at under one day of age, with heart lesions suggestive of nutritional muscular dystrophy (selenium deficiency). When liver tissue was sent away, the results surprised us since it too showed a selenium toxicity. Only four calves were affected in this case, which (probably) corresponded to the number of cows that had a high affinity for free choice mineral.

The answer for our clinic is to not have a problem such as this one go undetected for lack of sampling, both in cases with no obvious lesions and in herd cases of infectious disease where a toxicity/deficiency may be a predisposing factor. I've been told by other practitioners that they are not called upon to have as much laboratory diagnostic work performed lately due to current market conditions in the beef cattle industry. I think it is incumbent upon us as bovine practitioners to advocate this testing with our clients, and help them choose the diagnostics that are important for them to do, regardless of market conditions. Whether weaned calves go for \$500 or \$850, the revenue off of those 2 young calves I posted is still zero. Our producer will have a much more profitable spring in the next few years if he can prevent the loss of 2 to 4 calves from selenium toxicity! 🐾

submitted by **Andy Acton**

Andy Acton, DVM Dipl. ABVP
Client Services, Prairie Diagnostic Services Inc.
Box 387 Ogema, SK S0C 1Y0
Phone: (306) 459-2511
Email: dsac@sasktel.net

Western College of Veterinary Medicine (WCVM)

Governments of Canada and Saskatchewan Invest in WCVM Infrastructure Project

A public funding investment worth more than \$9 million will allow the Western College of Veterinary Medicine (WCVM) to complete its new diagnostics laboratory complex within the next 18 months.

The Governments of Canada and Saskatchewan announced \$21.8-million in infrastructure funding for the University of Saskatchewan on June 12. The announcement included \$9.06 million that will be used to renovate the WCVM's existing diagnostics laboratories and associated areas. This is the final phase of the veterinary college's infrastructure renewal plan that began in 2004.

The construction project involves renovating the veterinary college's pathology demonstration laboratory and its previous necropsy area. It will upgrade and amalgamate some of the supporting diagnostic services including bacteriology, virology, immunology, serology, toxicology, PCR and TSE (transmissible spongiform encephalopathies). Construction is expected to start later this year, with project completion slated for December 2010.

Once completed, the new laboratory design will improve efficiency of human



UNIVERSITY OF SASKATCHEWAN

Western College of Veterinary Medicine

resources and diagnostic services, plus it will enhance overall biosecurity and biosafety. The renovated diagnostics area will also provide WCVM faculty, staff and students with an environment where innovations in diagnostic and clinical techniques can be developed, tested and practically applied — all at one centre.

“Ultimately, many of these new practices and techniques will have a positive impact on the health, productivity and the economic value of livestock herds across Western Canada,” said WCVM Dean Dr. Charles Rhodes.

The federal and provincial governments' support will help to ensure that the WCVM plays a leading role in animal and public health and food safety—not just in the four western provinces but on national and international levels, said Uni-

versity of Saskatchewan President Peter MacKinnon.

“These upgraded facilities and new technologies will enable the college to train, attract and retain high-quality veterinarians, researchers and graduate students who will in turn advance our unique U of S life sciences research and training cluster,” said MacKinnon.

The WCVM construction project was part of a \$118-million package of initiatives that was announced on June 12 by the federal and provincial governments under the Knowledge Infrastructure Program (KIP) of the federal Economic Action Plan. The package is expected to create more than 7,000 jobs.

The new federal-provincial money was the second injection of public funding in the WCVM infrastructure project since the beginning of 2009. In mid-April, Western Economic Diversification Canada (WD) invested \$2.77 million in the completion of a new diagnostics addition and an upgrade of the WCVM's large animal clinical services area. Both projects were completed in July 2009. ♣



National Veterinary Technician Week October 11 - 17, 2009

Animal Health Technologists and Registered Veterinary Technicians (AHT/RVT) enhance the quality of animal and human life through their dedication to the well being of the animals placed in their care. During this week, please recognize these valuable members of your animal health care team!

Animal Health Week “Care to Prepare” October 4 - 10, 2009

ANIMAL HEALTH WEEK is a national public awareness campaign organized by the Canadian Veterinary Medical Association (CVMA) and hosted by veterinarians across Canada. This annual campaign gives veterinary professionals the opportunity to showcase their dedication to the profession and to the betterment of animal health. For tips and suggestions on how to get involved in Animal Health Week, visit the “Events” section of the CVMA website at: www.canadianveterinarians.net. Veterinary professionals in all practice types are encouraged to take this opportunity to show their dedication to the profession and promote animal health care and responsible animal ownership.

Nominations for the Boehringer Ingelheim WCABP Veterinarian of the Year

We urge all members to read the following nomination procedures and selection criteria. It is not too early to start thinking about deserving recipients for the 2010 award.

Criteria to consider for nominees

The veterinarian must be a member in good standing with their respective association, or if retired, to have been a member in good standing at the time of retirement. The Boehringer Ingelheim WCABP Veterinarian of the Year Award nominee should be a WCABP member; however, the board may choose to recognize a non-WCABP veterinarian who has made a significant contribution to bovine practice in Western Canada. Deadlines for all nominations will be December 1 of each year.

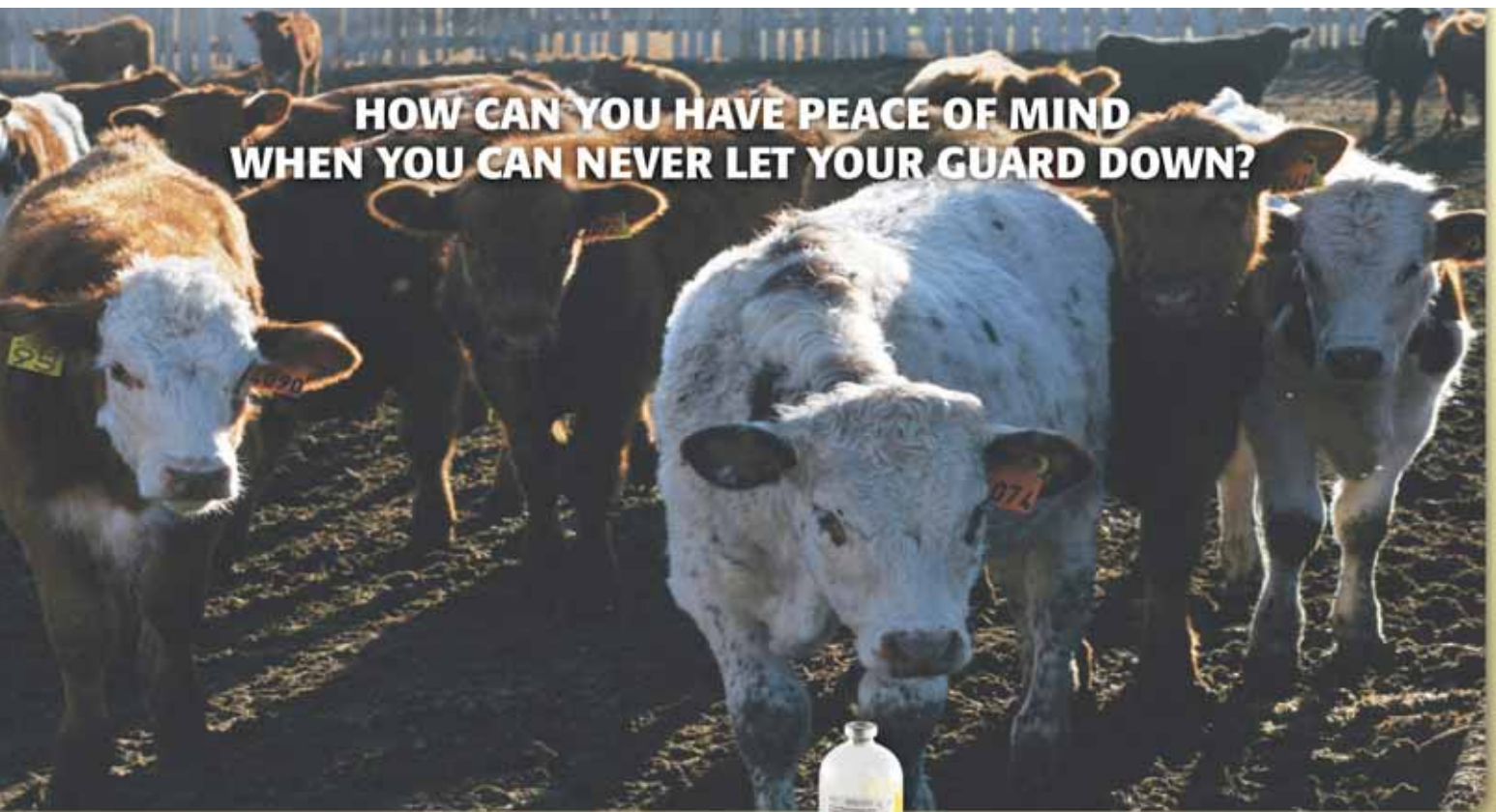
By this award, the WCABP is attempting to honour, or recognize, a veterinarian who embodies some, but not necessarily all, of the following criteria:

- 1) History of service and dedication to veterinary practice and the cattle industry.
- 2) History of service to the veterinary profession, specifically to the WCABP and other Western Canadian provincial veterinary associations.
- 3) Reputation for clinical competency or for being a pioneer or leader in bovine medicine, surgery or herd health.
- 4) If the nominee is a non-member, this person must have a national or international reputation related to bovine medicine, surgery and herd health, and their accomplishments must have had a positive influence on bovine practice in Western Canada.

Nomination Procedure

A call for nominations will be included in the two newsletters leading up to the deadline for nominations. A notification for a call for nominations will be posted on the website for at least 90 days leading up to the deadline for nominations. The Secretary-Treasurer may elect to send an email to all members requesting nominations.

Each nomination must include a brief biography and a rationale for why you believe this person is deserving of the award. The letter of nomination will be printed in the first newsletter following the granting of the award. The Secretary-Treasurer will collect all the nominations and present them to the board for review and selection. The Secretary-Treasurer will then make contact, at least two weeks in advance of the meeting, advising the recipient of the place and time of the award. 🐾



UPON ARRIVAL AT THE FEEDLOT,
SAVE AND PROTECT
ALL YOUR CALVES AGAINST MAJOR HEALTH THREATS

New Indications

INFECTIOUS BOVINE
KERATOCONJUNCTIVITIS
(IBK): *Moraxella bovis*.

BOVINE RESPIRATORY DISEASE
(BRD): *Mycoplasma bovis*.

FOOT ROT:
Fusobacterium necrophorum
and *Porphyromonas levis*.



Draxxin® achieves convenience and peace of mind,
minimizing labor and handling stress with a single dose.



Distiller's Grains Raising Antibiotic Concerns

Several studies have indicated that distiller's grains contain antibiotics, which have been used to kill bacteria in the ethanol distilling process.

The distillation process requires a combination of enzymes and yeast to convert corn into ethanol. But bacterial organisms present during distillation can sometimes out-compete yeast in the breakdown of this sugar.

The easiest way to kill these bacteria is to use antibiotics, which not only linger following distillation; they also appear to be passed along to cattle in the DG.

Until now, the US Food and Drug Administration (FDA) haven't made a point of using antibiotics in ethanol distillation, but this may change.

Samples of DG requested from 60 ethanol plants revealed the presence of four types of antibiotics: penicillin, virginiamycin, erythromycin and tylosin.

Currently there already is a concern about the use of antibiotics in feed fed to poultry and pigs.

A growing number of medical authorities fear that minute traces of antibiotics that have leaked through the path of feed and manure into the drinking water promote the growth of antibiotic-resistant bacteria.



Water treatment facilities are not equipped to remove these antibiotic traces from drinking water.

Also medical researchers are unsure of the extent to which these small traces of antibiotics in drinking water may contribute to the growing problem associated with antibiotic resistance. 🐾

source [All About Feed.net](http://AllAboutFeed.net)

University of Calgary Faculty of Veterinary Medicine (UCVM)

Update from the Department of Production Animal Health

UCVM has four distinct departments; Production Animal Health, Ecosystem & Public Health, Veterinary Clinical & Diagnostic Sciences and Comparative Biology and Experimental Medicine. Each department is made up of faculty members from diverse backgrounds and with different areas of interest.

The Department of Production Animal Health (PAH) has experienced an exciting year. We now have 16 excellent faculty members, and have recruited fantastic support staff. In the last three months three outstanding sessional faculty members have joined our Department; Drs. Frank Marshall, Egan Brockhoff, and Tom Inglis. They bring valuable expertise in swine and poultry herd health to UCVM.

Our faculty members were very successful in obtaining more than \$10 million in new research funding, including a large BSE grant, several large studies on Johne's disease, bull fertility, mastitis in dairy cows,



UNIVERSITY OF
CALGARY
VETERINARY
MEDICINE

food intake, and an AHFMR team grant on Inflammatory Bowel Disease. Many new graduate students and postdoctoral fellows have joined our department.

The arrival of the first class of undergraduate veterinary students last fall changed the dynamics at our Faculty considerably. Not different from other departments, PAH faculty have been very busy teaching and developing courses for the next year. Additionally, our Department, lead by Dr. Gordon Atkins, organized a summer program for every student that was interested in Production Animal Health. The programs for the students ranged from working at a dairy farm or a feedlot

to participating in field research projects such as Johne's disease.

I am also proud to mention that Dr. Gordon Atkins this year received several major awards for his life-long support of the dairy sector; The Ralph J. Barichellow Award from Jersey Canada, the Superior Accomplishment Award from Holstein Canada, and the Dairy Cattle Improvement Industry Distinction Award by the Canadian Dairy Network. He also received the Jim Clark Distinguished Service Award from the Calgary Stampede.

Dr. John Kastelic, a very active adjunct faculty member, was named the 2009 Theriogenologist of the year by the American College of Theriogenology.

I look forward to bringing you more news about our Department and the Faculty throughout the year. 🐾

submitted by [Herman Barkema](#)



As Usual, Happy Endings Begin With ScourGuard™

Newborn calves must consume enough immunoglobulin-rich colostrum in the first few hours so they can fight off disease. So you've counted on ScourGuard™ to help produce the best colostrum possible. Today, your trusted and dependable scours protection has evolved. Now better than ever, count on new and improved ScourGuard™ 4KC.

™ Trademark of Pfizer Products Inc., Pfizer Canada Inc. Licensee.
S03-009 S004 JADP01 0708 E



Pfizer Animal Health

ScourGuard™ 4KC

Protection calves can live with.



Welcome New WCABP Members!

Bovine Ultrasound

The WCABP would like to acknowledge and welcome the following new members to the Association:

Bob Bellamy

Bellamy Harrison Animal Hospital
Moose Jaw, SK

Terry Goslin

Bellamy Harrison Animal Hospital
Moose Jaw, SK

Ross Hawkes

Williams Lake Veterinary Hospital
Williams Lake, BC

Aimee Hayden

Norsask Vet Group
Rosthern, SK

Peter Parke

Tsolum Mobile Vet Health Ltd
Courtenay, BC

Tom Pittman

Faculty of Veterinary Medicine
University of Calgary
Calgary, AB

Vicky Sempers

Grand Valley Animal Clinic
Brandon, MB

Joseph Thurgood

Shuswap Veterinary Clinic
Salmon Arm, BC



The "Bovine Ultrasound" meeting held in Saskatoon on August 20th provided hands-on in-depth instruction in the use of ultrasound for bovine reproductive exams.

The WCABP held a regional meeting on "Bovine Ultrasound" in Saskatoon on August 20th. The course provided hands-on in-depth instruction in the use of ultrasound for bovine reproductive exams. The objectives included tips for incorporating ultrasound in practice, accurately identifying ovarian structures, ovarian and uterine pathology, early pregnancy diagnosis, diagnosis of twins, and fetal sexing.

Fourteen eager participants (from B.C., Alberta and Saskatchewan) spent the morning in the classroom under the

instruction of Dr. Craig DeMuth from Truxton, New York. In the afternoon the entire group travelled to a local dairy herd to begin the wetlab portion. After about an hour the beef group left for the Goodale Research Farm for hands-on instruction led by Dr. Andrew Bronson. The dairy group then continued on to a second dairy farm for further instruction time.

One participant summed up the day by saying "An excellent practical small group training opportunity. I would recommend it to any other MA or LA practitioner."

Due to high interest, a second Bovine Ultrasound class will be offered in Alberta on September 30th. Contact Phyllis at the WCABP office if you are interested in attending (1-866-269-8387; info@wcabp.com).

www.wcabp.com

To keep tabs on your Association and your industry

- Updates on 2010 Conference
- Proceedings from 2009 Conference
- Numerous links to sites of interest
- Vet Advice columns (contributed by WCABP members, and published in the Canadian Cattlemen)

ROMINICK LIVESTOCK SERVICES

MERLIN

Revolutionary.

Concentrate on the
hoof, not the knife.



780 388 2222

www.rlscanada.ca

Bull Evaluation and Barth Manuals

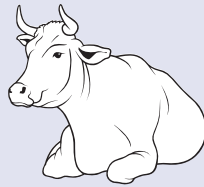
Now is the time to check your inventory of WCABP forms and manuals. Please email/fax/or call the WCABP office to place your order for the following:

- Bull Breeding Soundness Evaluation or Barth Manuals @ \$20 per manual
- Bull Breeding Soundness Evaluation Forms @ \$10 for books of 25 and \$20 for books of 50

A small shipping charge will be added to all orders to cover shipping and handling.

Bull Breeding Soundness Evaluation Forms are also available at Western Drug Distribution Center and Mid-West Veterinary Drug Distribution Center.

Electronic Breeding Soundness Evaluation Forms are available through WDDC (www.wddc.com). Login using your clinic username and password. (If you are not a WDDC member call 1-877-746-9332 to obtain an account number.) On the left-hand menu select "Member Programs" then "VET SOFTWARE." Choose "WCABP Form" and follow the download instructions to save to your clinic's computer or laptop.



Alberta Meat Strategy Laid Out Online

Alberta's agriculture department has gone live with a new website laying out the specifics so far in its livestock and meat strategy. The website "details the new implementation plan" for the Alberta Livestock and Meat Strategy (ALMS) and "how Alberta will take advantage of opportunities in the global marketplace."

The site is also intended to provide an update on the province's traceability plans and the development of an information exchange system, the province said in a release August 21. "Input from various industry experts is offered through video links, and a multimedia gallery showcases all that Alberta has to offer," the release said.

ALMS, announced in June last year, is viewed as a partnership between livestock producers, feeders, and processors, along with the provincial agriculture department, the Agriculture Finance Services Corporation (AFSC), and ALMS's administrative body, the Alberta Livestock and Meat Agency (ALMA).

ALMS is viewed as Alberta's roadmap for "rebuilding the industry, recapturing lost markets, and establishing the foundation for further success."

source Grainews.ca

WANTED • FULL TIME VETERINARIAN • ALBERTA

Large Animal Veterinary Locum required with opportunity for full time position in a mixed animal practice located in east central Alberta from November 15, 2009 to February 1, 2010. Large well equipped and well staffed clinic facilities. Work will include dairy, feedlot, and beef herd health as well as some equine. Anticipate high volume of preg-checking for time of year. Truck and PortaVet provided for work and call. Experience with portable US, BSE certification and provincial accreditation an asset. Shared 1/5 of call negotiable. Compensation for locum on a per day basis; full time position includes comprehensive salary and benefit package based on experience.

Call (403) 740-6227 (cell anytime) or email jackie@stetvet.com



Bayer HealthCare

Animal Health

Geoffrey Meadows, BSA
Technical Sales Specialist

Bayer Inc.
77 Belfield Road
Toronto, ON M9W 1G6
Cell: (204) 793-2837
Office (204) 453-3333
Fax: (204) 489-1797
Voice mail (800) 622-2937 Ext. 8634
geoffrey.meadows.b@bayer.com

Lee Irvine
Sales Representative



Boehringer Ingelheim (Canada) Ltd./Ltée
Vetmedica
5180 South Service Road
Burlington, Ontario L7L 5H4
Telephone 1-800-263-5103 Ext. 4425
Customer Service 1-800-567-1885

Beef Information Centre High Heat Packaging Developed for Beef Industry



As part of its effort to maximize the value of Canadian beef, the Beef Information Centre (BIC) has helped develop new beef packaging options for both retail and foodservice.

Flexible retort pouch packaging provides a significant opportunity to add value to beef and strengthen beef's position in the ready-to-serve market. Retorting is a process that uses heat and pressure to cook vacuum sealed pre-packaged meat. Since the meat is cooked in the package, the package must be strong enough to withstand relatively high temperatures (100–130°C).

John Baker, BIC's executive director of trade marketing, says retort processing used to be limited to the use of glass and metal containers. Now, the use of flexible pouches has reinvented retort processing, making it ideal for reduced heating times, enhanced graphics, and greater shelf appeal.

"The process is suitable for any beef cut, resulting in restaurant quality beef, whether presented as whole muscle, beef strips, crumble or cubes," he says. "It allows for unique flavour profiles, has many different applications and the process creates a sterile environment."

Retort processing improves product eating consistency regardless of age and grade, especially for hip and chuck cuts, producing fork-tender beef without requiring aging time or other process control like mechanical tenderizing and moisture

enhancement/marination. This creates an excellent opportunity to utilize secondary cuts from commercial/mature beef, no matter what the grade, that in the past would only be suitable for ground and/or restructured products, creating an opportunity to capture higher premiums.

BIC performed both product and consumer testing of retort processed beef and results are extremely positive. The process produces fork-tender, moist beef and consumers participating in the testing said it had a favourable appearance and taste with over 85 per cent saying they 'like' or 'extremely like' the product. Not only did the flexible pouches have a higher quality perception over other retorted packaged formats (cans and glass jars), consumers liked the fact beef was prepared using no preservatives and that retorted beef maintains all the nutritional benefits of eating lean beef.

The retort process results in products that are suitable for many existing and unique markets, including ritualistic preparation techniques required for foods produced as Halal or Kosher.

"The sealed package allows for segregation of Halal and Kosher products in production and at point of purchase," notes Baker. "This provides the opportunity to supply this growing market segment, including grocery retailers, hotels, campuses, correctional facilities, institutions, cruise lines, rail and airline caterers." 🐾

source Grainews.ca

Notice of CABV Annual General Meeting


CABV/ACVB's 2nd Annual General Meeting will be held on Thursday, September 10, 2009, at 12:30 pm in Room 210-212 of the Qwest Center in Omaha, Nebraska (in conjunction with the AABP Conference). AGM material was emailed to WCABP members in August.

RAY BUTLER FUND

Have you considered a donation to the Ray Butler Fund?

Donations are used to expose budding veterinarians to large animal practice.

For more information, visit the website at www.wcabp.com or call 866-COW-VETS.



Novartis Animal Health Canada Inc.
Suite 400, Plaza 3
2000 Argenta Road
Mississauga, ON L5N 1V9


Lisa Kostandoff, DVM
District Manager
905 / 330-4268

Melissa Marin, AHT
Territory Representative
Saskatchewan/Eastern Manitoba
309 / 227-9391

Adam R. Carlson, B.S. A.
Territory Manager
Southern Alberta & North BC
403 / 331-3611

John L'Ecuyer, B.S. A.
Territory Manager
Manitoba
403 / 585-4621

David Wegner
Senior Territory Manager
Edmonton Area
780 / 995-1170



Bayer HealthCare
Animal Health
Brigitta Smith, A.H.T.
Sales Representative

Bayer Inc.
77 Belfield Road
Toronto, ON M9W 1G6

Cell (780) 235-1591
Fax (780) 455-3328
Voice mail (800) 622-2937 Ext. 8799
brigitta.smith.b@bayer.com



MYTH:

A more expensive respiratory disease antibiotic delivers better results.

FACT:

Micotil® continues to deliver proven value — even compared to those more expensive brands.

EliANCO

Micotil.

Results that pay.

Just because you pay more doesn't mean you get more. When it comes to evaluating the effectiveness of your current BRD control and treatment program, all you have to remember is: price + efficacy = value. Consistent, comprehensive field trials continue to show that Micotil metaphylaxis delivers value to your bottom line. That's why hundreds of veterinarians like you have penciled out economics for their clients and, as a result, depend on Micotil to deliver valuable bottom-line precision-therapy value for medium- to high-risk groups of cattle.

In a Canadian on-arrival study comparing Micotil to Draxxin®, Micotil showed a \$8.29/head advantage.* For proven results at half the cost of Draxxin and Nufloor®, look no further than Micotil for results that pay.



*Van Duynhoven, et al. 2006. Comparative Efficacy of Fillicosin versus Julifluroxacin as a Metaphylactic Antimicrobial in Feedlot Calves at Moderate Risk for Respiratory Disease. Veterinary Therapeutics, Vol. 9, No. 4, Winter 2008.

Nufloor® is a registered trademark of Schering-Plough Animal Health Corp.
Draxxin® is a registered trademark of Pfizer Animal Health.
Micotil® is a trademark for Elianco's brand of fillicosin injection.
Elianco® and the diagonal colour bar are trademarks of Eli Lilly and Company.
Used under license by ELI ANCO/Division Eli Lilly Canada Inc.