



Minnesota. Board of Animal Health.  
Minutes.

**Copyright Notice:**

This material may be protected by copyright law (U.S. Code, Title 17). Researchers are liable for any infringement. For more information, visit [www.mnhs.org/copyright](http://www.mnhs.org/copyright).

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON TUESDAY,  
SEPTEMBER 7, 1999

The quarterly meeting of the Minnesota Board of Animal Health was called to order by President Howe at 9:30 a.m. on Tuesday, September 7, 1999 at the Holiday Inn Convention Center in Willmar, Minnesota. Board members present were Dr. John Howe, Dr. Joni Scheftel, Dr. Mahesh Kumar, Todd Searles, and Sharon Baker. Also present was Dr. T. J. Hagerty, Dr. Paul Anderson, Dr. Dale Lauer, past Board member Theodore Huisinga, and Willmar Poultry Company veterinarian, Dr. Ron Lippert. Also in attendance was Don Davis, CEO, Farmers Union Marketing and Rendering Association, Mark Zojonc representing Darling International and Bradley Frost also with Darling International. All three represent rendering companies.

NOTICE OF MEETING IN THE STATE REGISTER

Dr. Howe announced that the Notice of Meeting appeared in the State Register on Monday, August 2, 1999.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF APRIL 9,  
1999

A motion was made by Baker and seconded by Kumar and passed with all voting aye to approve the Minutes of the quarterly Board meeting of April 9, 1999.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

Dr. Scheftel asked that the Board review the proposed rabies rule changes. With this request included President Howe declared the Agenda approved as presented.

REPORT ON EQUINE INFECTIOUS ANEMIA (EIA) TESTING REQUIREMENT FOR EXHIBITION

Dr. Anderson reported on rule 1715.0125 which requires that all horses being exhibited must have had a negative test for EIA within 12 months of the exhibition. He said there has been excellent compliance since the rule became effective on September 1, 1998. Twenty four thousand (24,000) horses were tested in FY '98 prior to the rule and 37,000 horses were tested in FY '99 after the rule went into effect. Nine (9) EIA positive horses were identified since January 1, 1999. There are 16 EIA positive horses under quarantine in Minnesota at this time.

POULTRY AND COMPANION ANIMAL REPORT

Dr. Dale Lauer, Director of the Minnesota Poultry Testing Laboratory, reported that 1,019 turkey flocks were diagnosed positive for Avian Pneumovirus between August 1, 1998 and July 1, 1999. These flocks were all Minnesota flocks, with 2/3 of them in and around Stearns and Kandiyohi counties. All positive flocks were in Central Minnesota.

Dr. Lauer explained that no Avian Influenza has been diagnosed this year in Minnesota.

PROPOSED CHANGES TO 1705.1090 - 1705.1215, THE RABIES RULE

Dr. Hagerty reviewed the proposal with the Board pointing out that there are several additions to the definitions, wild animals and bats are included, rabies vaccine distribution and use is clarified and human exposure is identified.

The Board instructed the staff to proceed with the rule making process for these changes and additions.

CATTLE/RUMINANT DISEASES REPORT

Dr. Hagerty and Todd Searles, recently appointed Board member, reported on the progress of the Johne's program. Dr. Hagerty said that the 1999 Legislature had appropriated \$300,000 for FY '00 and \$200,000 for FY' 01 for the program. Since the Board started paying the Laboratory fee for the ELISA test for Johne's at the Veterinary Diagnostic Laboratory at the College of Veterinary Medicine, 883 herds have been tested. Seven hundred forty three (743) of those had one or more positive tests while 140 herds had only negative tests. In FY '99 36,387 cattle were tested in 702 herds. Six hundred thirty eight (638) herds were dairy and 64 were beef.

Dr. Hagerty discussed the "Voluntary Johne's Disease Herd Status Program" and said that seven herds have attained Level II status.

Todd Searles told the Board that he attended the Johne's Advisory Committee meeting held at the Board's office on June 4th, 1999. He said that confidentiality of test results and the need for a test to determine the status of heifers before being added to a herd were two issues that were identified as very important.

Dr. Hagerty said that Dr. William Hartmann, Veterinarian in Charge of the Johne's Disease Program, is developing a program with the help of Dr. Scott Wells at the University of Minnesota's College of Veterinary Medicine to be an integrated educational program to do evaluation of herd testing strategies and to develop a demonstration herd program. Dr. Hartmann will report to the Board at its next meeting on the progress of this project.

Dr. Hagerty introduced Don Davis, representing Central Biproducts Company, a rendering company from Redwood Falls, Minnesota, and Bradly Frost and Mark Jozonc representing Darling International a rendering company from Blue Earth, Minnesota. These representatives had asked to come before the Board to explain their concerns and pointed out that they are the only renderers picking up dead animals on farms in Minnesota. They discussed the problems of picking up carcasses on the farm and advised the Board that the cost to the producer will be going up if the service is to be available at all. Davis said there are only 35 rendering plants in the United States and only four process dead animals from farms. He explained that the South Dakota legislature was going to the approached with a request for funds to provide on farm rendering service. He asked the Board if they would be interested in pursuing such a request of the Minnesota legislature. The Board's consensus was that this needed to come from the livestock commodity groups. The Board rules and the State law allows alternative methods of carcass disposal in addition to rendering, these are burying, burning and composting.

#### PSEUDORABIES PROGRAM PROGRESS

Dr. Paul Anderson, Veterinarian in Charge of Swine Diseases, reported on the progress of the Pseudorabies Program. He pointed out that the only Stage II areas remaining in the nation are in Minnesota, Iowa, and Indiana. The remainder of the States are in Stage III or are free of the disease. Today there are 99 quarantined premises in Minnesota with pigs and of those only 32 premises have infected pigs. Twelve (12) premises are sow herds and 20 are finishing herds. Since January 1, 1999, 271 premises

have been placed under quarantine and 317 premises have been released from quarantine.

There have been no reports of new clinical cases of pseudorabies and only one new quarantine has been placed in a geographic area outside the counties with the known infection.

From September 1, 1998 to August 31, 1999, \$767,849 has been spent by the Board for testing. This includes surveillance, tracing, cleanup and monitoring. \$398,325 was spent by the Board in FY '98 and \$678,616 in FY '99 for this activity.

The Board has reimbursed producers for 1,685,444 doses of pseudorabies vaccine at 25¢ per dose or \$421,722. The staff expressed a concern that the use of vaccine has become significantly less since May. This needs to be increased markedly before winter.

The Board reviewed the time lines that have been established for removal of swine from quarantined herds. Whole herd tests are required in all quarantined breeding herds with all positive swine removed within 14 days. Shipping permits must accompany all quarantined swine and seals will be required on all vehicles carrying quarantined swine to slaughter beginning October 1, 1999.

The Minnesota Pork Producers Association (MPPA) expressed concerns regarding the use of vaccine and the process for meeting the time lines. They felt that eligibility of swine herds for reimbursement for vaccine should be expanded. The staff responded that all swine herds within three miles of a quarantined herd were eligible if the quarantine was in place January 1, 1999 or was imposed since then. These herds remain eligible even after the quarantine is removed. In addition, all herds in Nobles, Jackson,

Martin, Blue Earth, Watonwan, Brown and portions of Lyon and Redwood counties continue to be eligible for reimbursement for vaccine.

The Minnesota Pork Producers Association (MPPA) also requested that consideration be given to approving faxed permit forms, 1-27's, and that the issue date be good for seven days for movement. The Board discussed this request and on a motion by Scheftel and seconded by Baker and passed with all voting aye approved extending the issue date to be valid for 72 hours but denied the request to fax the document. Dr. Vogt pointed out that the producers and the veterinarian must sign the shipping permit and that fax copies are not approved for interstate movement.

The Minnesota Pork Producers Association (MPPA) requested a policy for addressing newly diagnosed pseudorabies swine herds after September 1, 1999. Following discussion of this issue, a motion was made by Baker and seconded by Searles and passed with all voting aye to require a whole herd test within 30 days after the laboratory confirmed diagnosis.

A request had been raised to waive the requirement to seal vehicles on swine going to slaughter if the herd had one negative statistical sample test. Following discussion on the issue the consensus of the Board was to require the sealing of vehicles until the herd is released from quarantine. Dr. Anderson proposed the following two alternative methods of quarantine release.

In nurseries or finishing herds without any breeding swine and where no pigs are received from quarantined premises, quarantines may be released as follows:

- (1) A negative official random sample test (95/10), conducted at least 30 days following depopulation with cleaning and disinfection (C&D) of the premises and seven days down time,



**STATE OF MINNESOTA**  
BOARD OF ANIMAL HEALTH  
119 AGRICULTURE BLDG.  
90 W. PLATO BLVD.  
ST. PAUL, MN 55107  
(612) 296-2942 VOICE  
(612) 296-7417 FAX

**Date:** September 24, 1999

**To:** District Veterinarians, VMOs, Federal Office, LCRs, Office Staff and Swine Industry

**From:** Paul Anderson

**Subject:** Alternate Methods for Quarantine Release

The following alternate methods for pseudorabies quarantine release have now been approved by USDA and by the Board of Animal Health.

They are available for immediate use in Minnesota as prescribed under Minnesota Rules Part 1705.2440 subpart E.

#### **Alternate Methods for Quarantine Release**

In nurseries or finishing herds without any breeding swine and where no pigs are received from quarantined premises, quarantines may be released as follows:

- (1) A negative official random sample test (95/10), conducted at least 30 days following depopulation with cleaning and disinfection (C&D) of the premises and seven days down time, must be determined by the official pseudorabies epidemiologist to reveal no infection; or
- (2) A negative official random sample test (95/5), conducted at least 30 days following a negative official random sample test (95/10), must be determined by the official pseudorabies epidemiologist to reveal no infection.

An official random sample test (95/10) must then be conducted between 60 and 90 days following quarantine release.

## Time Line for Cleanup of Pseudorabies Quarantined Herds

Beginning Date	Herds Affected	Required Procedures
August 1, 1999	All quarantined herds.	All swine which move from a quarantined premises must be accompanied by a federal shipping permit Form 1-27 issued by an accredited veterinarian. This includes movement from one site to another within multisite swine herds.
September 1, 1999	Breeding herds quarantined before September 1, 1999.	<p>Whole herd test on breeding herds completed by September 1, 1999.</p> <p>Positive sows and boars removed for slaughter by September 15, 1999.</p> <p>Whole herd test with removal of positive sows and boars every 30 days until quarantine is released.</p>
September 1, 1999	Breeding herds quarantined after September 1, 1999.	<p>Whole herd test on breeding herds completed within 30 days following issue date of quarantine.</p> <p>Positive sows and boars removed for slaughter within 15 days after test results are known.</p> <p>Whole herd test with removal of positive sows and boars every 30 days until quarantine is released.</p>
October 1, 1999	All quarantined herds.	All swine leaving the herd for slaughter must be transported in vehicles which are sealed by an accredited veterinarian. Seals may only be broken by a federal veterinarian at a federally licensed slaughtering establishment.
January 1, 2000	All quarantined herds.	<p>No swine may be moved off of a quarantined premises, except directly to slaughter.</p> <p>No nursery or feeder swine may be moved onto a quarantined premises.</p>

must be determined by the official pseudorabies epidemiologist to reveal no infections; or

(2) A negative official random sample test (95/5), conducted at least 30 days following a negative official random sample test (95/10), must be determined by the official pseudorabies epidemiologist to reveal no infection.

An official random sample test (95/10) must then be conducted between 60 and 90 days following quarantine release.

If acceptable these proposals would have to be approved by the Deputy Administrator of USDA, APHIS, VS to meet Board of Animal Health rules. A motion was made by Baker and seconded by Kumar and passed with all voting aye to pursue approval of the quarantine release proposal.

Dr. Vogt reported on the Accelerated Pseudorabies Eradication Program (APEP). He stated that as of September 1, 1999, 100,329 pigs on 118 pseudorabies quarantined premises belonging to 89 producers had been depopulated. This will eventually result in the removal of 118 premises from quarantine. There are still 10 - 15 swine herds that may be depopulated under this program. Dr. Hagerty pointed out that this USDA program which began in February of 1999 has been very effective in reducing the number of quarantined herds and removing the danger of pseudorabies to clean herds.

The next quarterly meeting of the Board of Animal Health will be held at 9:30 a.m. on Friday, December 17, 1999 at the Board office at 90 W Plato Blvd., St. Paul, Minnesota.

The meeting was declared adjourned at 1:00 p.m.

8.

Following lunch Dr. Lauer gave the Board members and staff a tour of the Minnesota Poultry Testing Laboratory at 622 Business Highway 71 N E in Willmar, Minnesota. This facility opened in December, 1997.

Respectfully submitted,

A handwritten signature in cursive script, appearing to read "J. Hagerty".

Executive Director

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY,  
DECEMBER 17, 1999

The fourth quarterly meeting of 1999 of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, December 17, 1999 in the Board offices at 90 W. Plato Blvd., St. Paul, Minnesota 55107.

Board members present were Dr. John Howe, Dr. Joni Scheftel, Dr. Mahesh Kumar, Todd Searles, and Sharon Baker. Also present was Dr. T. J. Hagerty, Executive Director, Dr. Keith Friendshuh, Assistant Executive Director, Dr. Paul Anderson, Dr. Bill Hartmann, and Dr. Dale Neirby of the Board staff.

Also in attendance was Dr. B. S. Pomeroy, Dr. Peter Poss, Dr. David Vogt, USDA, AVIC, Dr. Jim Dick and Dr. Paul Ruen of the Fairmont Veterinary Clinic, David Priesler, Executive Director of the Minnesota Pork Producers Association, Ben Bartusek, Chairman of the Pseudorabies Advisory Committee, Neal Black and Dale Melin from the Pseudorabies Advisory Committee and Dr. Jeff Klausner, Dean of the College of Veterinary Medicine, University of Minnesota. Representative William Kuisle, District 31A, Rochester arrived during the meeting.

NOTICE OF MEETING IN THE STATE REGISTER

Dr. Howe announced that the Notice of Meeting appeared in the State Register on Monday, November 8, 1999.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF SEPTEMBER  
7, 1999

A motion was made by Searles and seconded by Baker and passed with all voting aye to approve the Minutes of the September 7, 1999 meeting.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

There being no additions to the Agenda President Howe accepted the Agenda as presented.

PROPOSED RABIES RULE CHANGE

Dr. Keith Friendshuh reviewed for the Board the proposed changes to the rabies rule 1705.1090 - 1705.1210. The Board had not seen a few minor changes in the parts that pertain to Bites to Humans.

1. Stray pets should be Euthanized and tested after the 5 day pound holding period, or sooner if a veterinarian requests it in writing.

2. Farm animals could be confined for (10 or 14) days. Dr. Friendshuh will check with the National Association of State Public Health Veterinarians, Inc. for their recommendation.

3. Domesticated or Hybrid wild animals that are exempted from immediate Euthanasia and testing must be quarantined until the Post Exposure Prophylaxis is completed for the person that was bitten. The proposed rule has been submitted to the Revisor twice and soon will be submitted for the final time. Then it will be presented for public comment and to the Attorney General's office for approval.

Dr. Friendshuh pointed out that there have been 133 rabies cases in various species diagnosed by laboratory confirmation since January 1, 1999. The Board reaffirmed its support for the proposed changes and instructed Dr. Friendshuh to continue with the rule changes as presented.

PSEUDORABIES PROGRAM PROGRESS

Dr. Anderson reported that today, December 17, 1999 there are 15 swine premises under quarantine in Minnesota. Four premises have

infected pigs. Three of the four herds have sows.

He stated that 2,587,956 doses of vaccine have been reimbursed to date, amounting to \$646,989 at 25¢ per dose.

\$867,181 has been spent for testing pigs for pseudorabies since January 1, 1999. In the 12 months of 1998, \$365,482 was spent for pseudorabies testing. The testing and the vaccine usage was the result of the outbreak of pseudorabies experienced in Minnesota in the first six months of 1999.

Drs. Dick and Ruen pointed out that while the USDA'S Accelerated Pseudorabies Eradication Program (APEP) was a financially attractive alternative for swine producers when hog prices were low, it is not as viable an alternative now with improved live weight prices and better futures. Bartusek suggested that a part of the APEP program should be designed to replace the breeding stock that are removed in the program.

Dr. Dick proposed that rather than restricting movement of quarantined swine from quarantined premises, they be allowed to move under an intensive vaccination program such as being vaccinated monthly.

Dr. Anderson pointed out that in an attempt to prevent pseudorabies from entering the state with infected pigs the Board beginning December 15, 1999 is requiring all pigs entering Minnesota from a Stage II area be tested within 30 days prior to entry or be from a premises where a 95-10 test was done within 30 days prior to movement. Also all pigs from quarantined premises destined for slaughter must be brought into the state in USDA sealed trucks, trailers, etc. and have in possession a copy of Federal shipping permit, VS Form 1-27, signed by an accredited

veterinarian.

On January 1, 2000 no quarantined swine may leave any quarantined premises other than to go directly to slaughter in sealed vehicles and with USDA form 1-27. Movement to any other premises will be prohibited.

The Board reaffirmed their commitment to the time lines as previously adopted and reaffirmed their support for the restriction of movement of quarantined swine off of quarantined premises except directly to slaughter.

The question was raised why sows could not be sent to slaughter under the APEP program with the USDA "offset" price rather than to go to rendering. Dr. David Vogt, USDA, AVIC, said that is not in the specifications for APEP and even though that discussion has been held at the Washington level, the decision remains that the APEP program stays as it is.

Dr. Vogt said he would report this discussion to the Eastern Regional office explaining the concerns voiced today. The question was raised if there may be insurance that Board could purchase to reimburse the producer for quarantined swine. The Executive Director stated that he would discuss this with Craig Engwall of the Attorney General's office.

Mr. David Priesler, Executive Director of the Minnesota Pork Producers Association (MPPA), indicated that his organization had made plans to approach the 2000 Legislature to request sufficient funds to complete the pseudorabies eradication program in Minnesota.

Mr. Priesler on behalf of the MPPA requested that the Board consider establishing a Stage IV area in Minnesota using the

# Minnesota Voluntary Johne's Disease Program: March 30, 2000 Update

- 70, 192 cattle tested to date in 2,336 herds

	<i>Dairy</i>	<i>Beef</i>	<i>Dairy/Beef</i>	<i>Unknown</i>
Herds	2,026	233	29	48
Number of cattle	61,076	5,766	2,921	419

- 197 Herds have developed herd plans

(179 Dairy, 14 Beef, 3 Dairy/Beef, 1 Unknown)

- Voluntary Johne's Disease Herd Status Program

	<i>Dairy Herds</i>	<i>Beef Herds</i>	<i>Total</i>
Level 1	15	5	20
Level 2	9	3	12
Level 3	6	1	7
Level 4	0	0	0
Total	29	9	39

- Demonstration Herds

Bode Dairy and Feedlot

Gibbon

Quaal Dairy

Underwood

Potterosa Limousines

Redwood Falls

southern borders of Traverse, Grant, Douglas, Todd, Morrison, Mille Lacs, Kanabec and Pine counties as the line between Stage III and IV. Canada has indicated they will accept finishing swine for slaughter from Stage IV States and MPPA believes they would accept swine from States with split State Status, Stages III and IV.

Baker moved and Scheftel seconded and all voted aye to direct the staff to prepare a request to USDA for Split State Status Stages III/IV.

#### REPORT ON STATUS OF JOHNE'S DISEASE PROGRAM

Dr. William Hartmann, Veterinarian in Charge of the Cattle and Ruminant Division, reported on the Johne's Program in Minnesota. He pointed out that since June, 1998 to the present 55,606 Minnesota cattle in 2083 herds have been tested for Johne's. This testing is done at State expense with the samples processed at the University of Minnesota, College of Veterinary Medicine's Diagnostic Laboratory. The blood must be drawn by a licensed and accredited veterinarian at producer expense.

Of the 2083 herds testing, 1833 are dairy and 197 are beef and 21 are both beef and dairy. Forty two of these herds are of unknown type. Since the Board was given the authority by the 1999 Legislature to adopt the U.S. Voluntary Johne's Disease Herd Status Program, the Board has enrolled four herds in level 1 and nine herds in level 2 of the program. Dr. Hartmann explained that in addition to paying the laboratory costs of the testing for the program the Board has entered into a cooperative education program with the University of Minnesota's College of Veterinary Medicine. This program is directed at practicing veterinarians as well as cattle producers. The Board and the College will develop several

demonstration herds to determine effective methods of eradicating Johne's disease from the herd. Todd Searles, registered dairy herd owner, explained that confidentiality of test results was very important to developing a meaningful Johne's program. He discussed this issue with Representative Kuisle, a former dairy farmer and asked for his advice in the 2000 Legislative session. This would require legislative action to protect the information from Data Practices requirements.

#### AVIAN DISEASES, AVIAN INFLUENZA AND AVIAN PNEUMOVIRUS

Dr. Keith Friendshuh reported that after 16 months of having no reports of Avian Influenza in Minnesota, five turkey flocks have been diagnosed with the disease since November 1, 1999. When Avian Influenza is reported the turkey industry is alerted and the industry steps up its biosecurity programs aimed at stopping the spread of the virus.

Dr. Friendshuh reported that Avian Pneumovirus had been reported in 765 flocks in 27 counties during the Prevalence Study from August '98 - July, '99. It is now widespread throughout most of the turkey raising regions in Minnesota. There have been some reports of the disease in flocks in adjacent states, however, that number remains very low.

Dr. Poss presented to the Board for their information a proposal to control Avian Pneumonvirus (APV) in turkeys. The Board had previously approved the use of an autogenous vaccine for APV in selected flocks. This vaccine has generally been ineffective and the disease continues to spread. Dr. Dale Lauer and his staff are doing the blood testing on samples submitted to the Poultry Testing Laboratory for this disease.

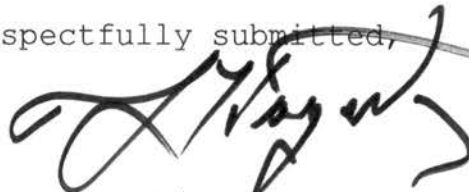
Dr. Poss suggested that it may be necessary to purposely expose 6 -10 week old poults to the field strain of the virus in an attempt to immunize them at an opportune age to the virulent virus in order to attain sufficient immunity. This would not be using any vaccine but rather conducting controlled exposure. An Avian Pneumovirus Task Force has been established and will review the proposal. The Board accepted this as information and took no action on this issue.

DATE AND LOCATION OF THE NEXT MEETING

The Board will meet next at 9:30 a.m. on Friday, February 18, 2000 at the Board office in St. Paul.

The President declared the meeting adjourned at 12:45 p.m.

Respectfully submitted,



Executive Director

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY,  
FEBRUARY 18, 2000

The first quarterly meeting of the Minnesota Board of Animal Health for the year 2000 was held at 9:30 a.m. on Friday, February 18, 2000 in the Board offices at 90 W. Plato Blvd., St. Paul, Minnesota 55107. The Board members present were Dr. Joni Scheftel, Sharon Baker, Dr. Mahesh Kumar, Todd Searles, and recently appointed member Dr. Darrell Zehrer. Also present was Dr. T. J. Hagerty, Executive Director, Dr. Keith Friendshuh, Assistant Executive Director, Dr. Paul Anderson, Dr. Bill Hartmann, and Barbara Troyer of the Board staff.

Also in attendance was Dr. David Vogt, AVIC, USDA, APHIS, VS, Dr. Ben Pomeroy, Dr. Jeff Klausner, Dean of the College of Veterinary Medicine, University of Minnesota and Dr. Scott Wells of the College of Veterinary Medicine.

NOTICE OF MEETING IN THE STATE REGISTER

Acting President, Vice President Dr. Joni Scheftel called the meeting to order at 9:30 a.m., made introductions and announced that the Notice of Meeting appeared in the State Register on Monday, January 10, 2000.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF DECEMBER  
17, 1999

A motion was made by Baker and seconded by Searles and passed with all voting aye to approve the Minutes of the December 17, 1999 Board meeting.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

A motion was made by Searles, seconded by Baker and approved by all voting aye to accept the Agenda as presented.

PSEUDORABIES PROGRAM PROGRESS

Dr. Paul Anderson, Veterinarian in Charge of Swine Diseases, reported on the progress of the pseudorabies program. He explained that as of today there are 12 quarantined swine premises in Minnesota. Six premises have infected pigs and six do not. The latter will be released from quarantine following cleaning and disinfection followed by 30 days of "downtime". This is down from 288 quarantined premises in March of 1999. Since January 1, 1999 3,350,000 doses of pseudorabies vaccine have been reimbursed at 25¢ per dose for a total of \$835,000 by the Board. \$900,000 been expended by the Board for testing during that time. The \$1,255,000 appropriated by the 1999 Minnesota Legislature has now been spent on this project. Of the six infected swine herds two are in Martin, one in Mower, two in Nobles, and one in Redwood counties.

Dr. David Vogt, Area Veterinarian in Charge for Minnesota, reported on the Accelerated Pseudorabies Eradication Program or (APEP). He said that 188,000 pigs on 199 premises have been removed since February of 1999 at a cost of over \$16,000,000 to USDA. He expects that more pseudorabies infected herds will be included in the program as they are identified.

Dr. Anderson pointed out that Minnesota and Indiana are now designated as complete Stage III PRV States. Iowa is the only remaining Stage II/III State. Iowa reported 197 quarantined swine premises on February 1, 2000.

REPORT ON STATUS OF THE JOHNE'S DISEASE PROGRAM

Dr. Hartmann, Veterinarian in Charge of Cattle and Ruminant Diseases, reported on the progress of the Johne's disease program. He said that education and testing are the key components of the

Johne's program. He and Dr. Scott Wells of the University of Minnesota's College of Veterinary Medicine have had a number of focus group meetings with veterinarians around the state in order to raise the level of awareness of the disease and of the voluntary program provided by the Board. They plan to develop several demonstration herds to show how progress can be made in eliminating this disease from the herd. One demonstration herd has been selected and a risk assessment on the herd has been completed. A herd test was finalized several days ago. They hope to identify five more demonstration herds located geographically throughout the state.

There are 29 cattle herds enrolled in the U.S. Voluntary Johne's Disease Herd Status Program. Since testing began in 1998, 64,142 head of cattle have been tested in 2,269 herds. One thousand nine hundred and sixty seven (1,967) are dairy and 228 are beef herds. Twenty five (25) are mixed dairy and beef herds and 49 are of unknown status. One hundred and ninety (190) herds have herd plans on file. Dr. Hartmann explained that the Board will pay the Laboratory costs of 30 head in any cattle herd and will pay 50% of the Laboratory costs of any additional animals in the herd provided the owner enters into a herd plan for eliminating the disease from the herd. Several dairymen have asked that the number of tests that the Board pays for be increased from 30 to 50 or even 100 head. Dr. Hartmann stated that the present level of funding may allow for paying for 50 head providing that the level of herd participation remain constant but that increasing the number to 100 would require an additional appropriation from the Legislature.

Todd Searles stated that he was in favor of increasing the number to 50 head. Dr. Scheftel said she was comfortable with the present number of 30 head with 50% of the Laboratory cost of any additional animals. The Board will revisit this issue at its April meeting.

Dr. Hartmann reported that Representative Kuisle has introduced proposed legislation that would make Johne's disease diagnostic information maintained by the Board non-public data. He has testified at its first Committee hearing.

Dr. Hartmann explained to the Board that a new test called the (TIP) test has been approved by USDA for Johne's disease. This is an ELISA based test which can be conducted without the expensive ELISA equipment. Practicing veterinarians have asked for approval to use this test in their clinics. Because of its specificity and sensitivity it may only be useful on a clinically sick animal. It has only been approved by the Board for use in the Veterinary Diagnostic Laboratory in the College of Veterinary Medicine.

#### CHRONIC WASTING DISEASE IN CERVIDS

Dr. Hartmann discussed chronic wasting disease in elk and deer. This is a spongiform encephalopathy and has been identified in elk and/or deer in Colorado, Wyoming, Montana, South Dakota, Nebraska, and Oklahoma. This has resulted in a number of states restricting the importation of elk and deer. These states will only approve animals coming from herds that participate in a surveillance program. Minnesota has 35 farmed cervid herds enrolled in a voluntary surveillance program. The disease has not been diagnosed in Minnesota.

Dr. Hartmann suggested that the Board may want to explore the

idea of mandatory surveillance and an import requirement. No decision was made on this issue at this time.

#### TUBERCULOSIS IN MICHIGAN

Michigan continues to deal with TB in free ranging whitetail deer. Two hundred and twenty eight (228) positive deer, five coyotes and two raccoons have been diagnosed with TB on postmortem. Five beef cattle herds and one dairy herd have been found to have one or more positive animals. Infected whitetail deer have been found outside of the original management area. Michigan had requested split state status for TB but now is endanger of losing their "Free" status. The Board will need to make a decision soon on how to restrict Michigan cattle coming into Minnesota if they originate from outside the original management area. This issue will be placed on the Agenda for the April meeting.

#### AVIAN PNEUMOVIRUS

Dr. Friendshuh reported on Avian Pneumovirus (APV) in turkeys in Minnesota. 2066 flocks have been identified. The six counties in Central Minnesota with the densest turkey populations (39% of the flocks processed) had 82% of the APV positive flocks. Seventy per cent (70%) of the flocks from this area have Avian Pneumovirus. Overall 34% of the Minnesota flocks have APV.

Dr. Jeff Klausner, Dean, College of Veterinary Medicine, talked about the Blue Ribbon Panel that will be held March 29 - 31 to discuss Avian Pneumovirus. Experts from across the country and Europe are coming to discuss and plan where research is most needed.

Dr. Kumar discussed the Controlled Exposure to APV, including some of the problems and limitations of it.

AVIAN INFLUENZA

Seventeen (17) turkey flocks have been diagnosed positive for AI in Minnesota this year.

REPORTABLE DISEASE LIST

Dr. Heidi Kassarborg of the Minnesota Department of Health came before the Board to discuss tularemia and Plague. While these diseases have not been diagnosed in Minnesota they are endemic in some sections of the U.S. These diseases have been suggested as agents that could be used for Bioterrorist purposes. Because cats and dogs are transported frequently all over the country, and because of the possibility of bioterrorism the Department of Health is vigilant for the appearance of these diseases. They are requesting our help. Making these diseases in animals reportable to the Board will be beneficial. A motion was made by Baker, seconded by Searles and passed unanimously to list these as reportable diseases.

BOARD OF ANIMAL HEALTH WEB SITE

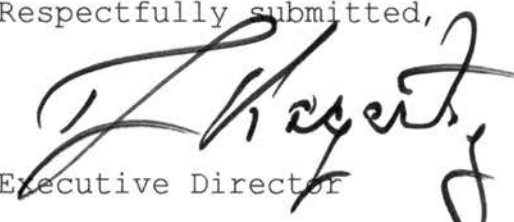
Dave Wiklund, Information Technology Specialist for the Board, demonstrated the Board's Website that he is developing. He also invited the Board members to consider becoming interactive with e-mail and the Website. As this is further developed he will be back before the Board with more information.

DATE AND LOCATION OF THE NEXT MEETING

The Board will meet next at 9:30 a.m. on Friday, April 7, 2000 at the Board offices in St. Paul.

The meeting was adjourned by 12:15 p.m. on a motion by Searles and seconded by Baker and passed unanimously.

Respectfully submitted,



Executive Director

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY, APRIL 7, 2000

The quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, April 7, 2000 in the Board offices at 90 W. Plato Blvd., St. Paul, Minnesota 55107. The Board members present were Dr. Joni Scheftel, Sharon Baker, Dr. Mahesh Kumar, Todd Searles, and Dr. Darrell Zehrer. Also present was Dr. T. J. Hagerty, Executive Director, Dr. William Hartmann, Dr. Dale Lauer, Dr. Paul Anderson, Barbara Troyer, Business Manager, and Dave Wicklund, IT Specialist.

In addition, Dr. Jeff Klausner, Dean of the College of Veterinary Medicine, Dr. David Vogt, AVIC, USDA, APHIS, VS, Dr. Mark Davidson, Veterinary Medical Officer, USDA, APHIS, VS and Dr. Paul Yeske, a practicing veterinarian and swine specialist with the Swine Vet Center in St. Peter, Minnesota were present.

Dr. Scheftel, Acting President of the Board, welcomed the group and began the meeting at 9:30 a.m. with introductions.

NOTICE OF MEETING IN THE STATE REGISTER

Dr. Scheftel noted that the notice of this Meeting appeared in the March 6, 2000 issue of the State Register.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF FEBRUARY 18, 2000

The Minutes of the February 18, 2000 meeting were approved on a motion by Baker and seconded by Kumar and passed with all voting aye.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

The Agenda was approved as presented on a motion by Searles, seconded by Kumar and passed with all voting aye.

PSEUDORABIES PROGRAM REPORT

Dr. Paul Anderson, Veterinarian in Charge of Swine Diseases, reported to the Board that there is a new pseudorabies outbreak in swine in southwestern Waseca county. This area has been tested annually with no infected swine herds detected with pseudorabies for over five years. There are 62 quarantined premises in the State today with the majority in the outbreak area. There were 16 quarantined premises in the State on January 1, 2000. Seventeen new quarantines were issued in January, seven in February, mostly in Nobles county, 38 in March and nine so far in April with seven more pending. The March and April quarantines are the result of the Waseca county outbreak.

The Board has required testing a sample of swine on all swine premises in 16 townships in the affected area. Eight are in southwestern Waseca county, four are adjoining townships in Blue Earth county and four are adjoining in Faribault and Freeborn counties. Most of the infected herds are on finishing only premises. Twelve of the positive herds are breeding swine.

Dr. Davidson presented Geographic Information System (GIS) maps. All of the swine premises are plotted on these maps. Most of the premises in the affected area are free of pseudorabies. Dr. Davidson said that 13 swine herds were taken in the USDA, APEP Program in the last two weeks.

Dr. Yeske suggested that there are at least three lessons to be learned in this outbreak. 1. This is a wintertime issue. 2. We all become complacent when it appears we are winning the eradication battle and 3. We will not be successful until we mandate that all pigs be vaccinated in the "Southern Zone" of the

State.

Pseudorabies in Iowa will continue to be a threat to eradication in swine in southern Minnesota until Iowa's producers are successful in getting their outbreaks under control

The Iowa Legislature is currently debating legislation that will require mandatory pseudorabies vaccination of all swine in their Stage II area. Dr. Yeske feels that Minnesota needs mandatory pseudorabies vaccination of swine as much as Iowa does.

It was suggested that testing 60 pigs per finishing premises is sufficient but that we should be testing 60 head in breeding swine herds rather than 30 head because the prevalence seems to be lower in vaccinated sow herds.

Following a discussion on the current restriction of quarantined premises that pigs may not be moved off of the premises except to slaughter, the Board reaffirmed their commitment to this requirement.

The Minnesota Pork Producers Board of Directors asked the Board of Animal Health to put in place restrictions on the importation of swine to slaughter from Stage II areas, ie., Iowa, beyond the present requirement of sealing vehicles carrying quarantined swine to slaughter. They requested that no quarantined swine be allowed into Minnesota for any purpose and that all other swine entering the State for any purpose including slaughter originate from tested premises. The Board discussed this request including the issue of producer contracts with processors and the issue of an insufficient number of truck washes for trucks hauling swine and determined that they could not make a decision on this issue at this time.

The Board discussed the issue of vaccine reimbursement by the Board and while understanding that the funds available for this project may be spent before the end of the fiscal year, they still felt additional counties should be added to the project. A motion was made by Searles, seconded by Baker, and passed with all voting aye to add Faribault, Freeborn, Steele, and Waseca counties to those where all swine in the county qualify for vaccine reimbursement.

The Minnesota Pork Producers Association also requested that the Board apply to USDA for approval of Split State Status, Stage III/IV for the pseudorabies program.

A motion was made by Baker, seconded by Searles, and passed with all voting aye to request that the counties of Traverse, Grant, Douglas, Todd, Morrison, Benton, Mille Lacs, Kanabec, Pine, and all counties to the North of them be classified Stage IV and all of the rest of the counties of the State remain in Stage III Status.

Drs. Hagerty and Anderson will present this request to the National Pseudorabies Control Board at their meeting on April 12, 2000.

#### CATTLE AND RUMINANT DISEASE PROGRAMS

Dr. William Hartmann, Veterinarian in Charge of Cattle and Ruminant Programs discussed the Board's Johne's program. He pointed out that 70,192 cattle in 2,336 herds have been tested since the program began in 1998. One hundred and ninety-seven (197) herds have developed herd plans of which 179 are dairy herds, 14 are beef, 3 are dairy/beef and 1 is unknown. Thirty-nine (39) herds are enrolled in the Voluntary Johne's Disease

Herd Status Program. Twenty herds, (15 dairy, 5 beef) are in "Level 1", 12 herds, (9 dairy, 3 beef) are in "Level 2" and 7 herds, (6 dairy, 1 beef) are in "Level 3".

Two demonstration herds have been developed by the Board in cooperation with Dr. Scott Wells of the College of Veterinary Medicine. More herds may be included in the demonstration herd project.

Dr. Hartmann said that using the ELISA test the number of positive animals remains fairly constant at 10 per cent.

Dr. Hartmann explained that cattle producers have been requesting that the Board pay for the laboratory tests for more than 30 head as the Board does now. He pointed out that testing additional animals in a herd would identify more positives if they existed. After discussing the cost of testing and the number of herd owners participating the consensus of the Board was that more testing needs to be done. A motion was made by Searles and seconded by Baker and passed with all voting aye to pay the Laboratory costs of testing by the ELISA test 50 head of bovine animals per herd per annum beginning July 1, 2000 through June 30, 2001. The Board will continue to pay for the Laboratory cost of fecal culture tests on ELISA positive animals.

Dr. Hartmann reported on tuberculosis found in cattle and wild whitetail deer in Michigan. Two hundred and twenty-eight (228) tuberculosis infected wild whitetail deer were found out of 17,700 that were sampled during several hunting seasons. Four infected beef herds have been identified and depopulated. One captive whitetail deer herd has been found to be infected and has been depopulated. One 80 cow dairy herd was recently found to be

infected and the decision has been made to attempt test and removal rather than depopulation to eliminate the disease from the herd. Within the last month one more beef herd has been tentatively diagnosed with tuberculosis.

A number of infected wild whitetail deer have been found outside the original five county area where the disease was originally located. The concern now is that additional infected cattle herds will be identified outside the original area.

The Board had previously placed the requirement for tuberculosis tests on all cattle coming into Minnesota from the five county index area. The Board now discussed the possibility of imposing import restrictions on all cattle imported into Minnesota from Michigan. The question was raised of whether or not all ruminants should be included in the requirement.

A motion was made by Searles, seconded by Kumar and passed with all voting aye to impose the following on all ruminants entering Minnesota from Michigan -

Obtain a permit from the Board of Animal Health for each shipment within 15 days before entering Minnesota.

Originate from a herd that has been found negative to an official whole herd tuberculosis test administered not more than 12 months before their arrival in Minnesota.

Be included in the herd at the time of the whole herd test

Be tested negative for tuberculosis within 30 days before entry.

Have certificates of veterinary inspection showing individual identification, the results of the whole herd test and individual animal tests.

Go to a premises other than a sale yard.

Be placed under written hold order on the first premises of arrival in Minnesota.

Be released from hold order after a negative retest for tuberculosis within 60 - 120 days after arrival (within 90 - 120 for cervidae).

Dr. Hartmann reported on a new test for Johne's , called the "TIP" test, which is an ELISA based test and can be performed as a "Cow side" test has been approved for use by licensed veterinarians in Minnesota. All results of this test must be reported to the Board.

#### POULTRY DISEASES

Dr. Dale Lauer, Veterinarian in Charge of the Minnesota Poultry Testing Laboratory at Willmar, Minnesota, reported to the Board on the status of pneumovirus in turkeys in Minnesota. He explained that the disease has been diagnosed in turkey flocks throughout Minnesota. He said that a licensed vaccine has not yet been developed and that autogenous vaccines have had mixed results. The industry is now attempting to develop immunity in birds using a method of "controlled exposure" with a virus that has had 41 passages in the Laboratory at the College of Veterinary Medicine. This is being done under an experimental project of the College of Veterinary Medicine. Flocks where this is being done must be reported to the Board.

The Dean of the College of Veterinary Medicine, Dr. Jeff Klausner, convened a "Blue Ribbon Panel" of scientists and other experts on this disease and named Dr. Jagdev Sharma as Chair. Dr. Lauer stated that he as well as Dr. Kumar and Dr. Friendshuh

had attended the first meeting of the Panel. This Panel is to review the work of scientists working with this disease and ultimately make recommendations on how the industry should proceed. Goals must be developed such as whether or not the industry should attempt eradication of the disease or decide to live with it. It has been suggested that avian pneumovirus is costing the industry \$15,000,000 per year. The panel expressed a desire that the Board commit to working closely with the scientists at the College of Veterinary Medicine, with the Minnesota Turkey Growers Association, and with the APHIS, VS to develop a program to address this issue

The Panel also suggested that APHIS, VS assign an epidemiologist to Minnesota for this disease as well as other poultry disease problems.

#### DEMONSTRATION OF "WEB" SITE

Dave Wiklund, IT Specialist for the Board demonstrated the "Web" site that has been developed and is now "online". He pointed out that various links will be developed to connect with the United States Animal Health Association, the College of Veterinary Medicine, and the Minnesota Department of Agriculture.

#### ELECTION OF OFFICERS

By Statute the Board must elect a President and Vice president of the Board each April and appoint the Executive Director for the next year.

A motion was made by Kumar and seconded by Baker to nominate Dr. Scheftel for President. Baker moved and Searles seconded a motion that nominations cease. All voted aye and Dr. Scheftel was elected as President.

A motion was made by Searles and seconded by Scheftel to nominate Sharon Baker for the position of Vice president. There being no further nominations a unanimous ballot was cast for Sharon Baker.

#### APPOINTMENT OF EXECUTIVE DIRECTOR

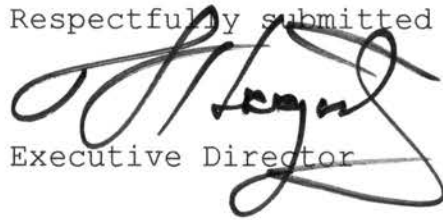
Dr. Hagerty announced that upon reappointment this would be his final year as Executive Director. The Board discussed with Barbara Troyer, Business Manager for the Board, the procedures to be followed for announcing a vacancy and the interview and selection process required by the Department of Employee Relations. Barbara Troyer will develop the announcement and send it to the Board for review before publication in the State Register. Other methods of announcing the position were discussed with final decisions to follow. A motion was made by Kumar and passed to advertise this position as soon as possible. A motion was made by Kumar and seconded by Zehrer and passed with all voting aye to reappoint Dr. T. J. Hagerty as Executive Director for the fiscal year July 1, 2000 to June 30, 2001. The Executive Director will receive an increase in salary at the maximum rate provided under the State's Managerial Compensation Plan. The Executive Director's compensation will include an "achievement" award that is part of the Managerial Compensation Plan.

#### NEXT BOARD MEETING

The Board will hold their third quarterly meeting of 2000 at the Radisson Hotel in St. Cloud on September 15, 2000.

President Scheftel declared the Board meeting adjourned at 1:00 p.m.

Respectfully submitted

A handwritten signature in black ink, appearing to be "H. Lynn", written over the typed name "Executive Director".

Executive Director



MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY,  
SEPTEMBER 15, 2000

The quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, September 15, 2000 in the Radisson Suite Hotel, St. Cloud, Minnesota. The Board members present were Dr. Joni Scheftel, Sharon Baker, Dr. Mahesh Kumar, and Todd Searles. Dr. Darrell Zehrer was absent. Also present was the Executive Director Dr. T. J. Hagerty, the Assistant Executive Director Dr. Keith Friendshuh, Dr. William Hartmann, Dr. Paul Anderson, and Business Manager Barbara Troyer.

Also in attendance was Dr. Terry Boldingh District Veterinarian from Breckenridge, Minnesota, Dr. Dale Lauer, Director of the Minnesota Poultry Testing Laboratory at Willmar, Minnesota, Dr. Scott Wells of the College of Veterinary Medicine, University of Minnesota and Dr. Larry Shipman an Epidemiologist with APHIS, Veterinary Services. Others present were June Varner from Morrison county and Karen Petersnell, Sam Bond, Director of Sales and Marketing from ImmuCell Corporation, Ralph Anderson President of Aquaventures, Inc. from Montevideo, Minnesota, Kaye Ziebarth, President of the Minnesota Elk Breeders Association, Gary Gunderson, Paynesville, Minnesota with Agri News and Dr. Heidi Kassenborg with the Minnesota Department of Health.

NOTICE OF MEETING IN THE STATE REGISTER

Dr. Scheftel noted that the notice of this Meeting appeared in the August 14th, 2000 issue of the State Register.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF APRIL 7,  
2000

The Minutes of the April 7, 2000 meeting were approved on a motion

by Searles and seconded by Baker and passed with all voting aye.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

The Agenda was approved as presented on a motion by Baker, seconded by Searles and passed with all voting aye.

POULTRY AND COMPANION ANIMALS

Drs. Friendshuh and Lauer reviewed with the Board the status of Avian Pneumovirus (APV) in Minnesota.

Dr. Lauer stated that approximately one half of the turkey flocks going to processing test positive for Avian Pneumovirus. The disease has been identified in most of the turkey growing regions of the State with the greatest incidence in the areas with heavy turkey populations. Dr. Kumar pointed out that the disease has a significant spring and fall occurrence.

Dr. Friendshuh reported that Dr. David Vogt, Area Veterinarian in Charge for APHIS, Veterinary Services in Minnesota has received approval to employ a Veterinary Epidemiologist for Avian Pneumovirus. Dr. Larry Shipman, Area Epidemiologist for APHIS, Veterinary Services in Indiana is in Minnesota now for this purpose on a temporary basis.

Dr. Friendshuh reported that from September of 1999 through June of 2000, Avian Influenza was identified in 24 turkey flocks on 18 premises. Nineteen (19) flocks on 15 premises were positive for H1N1 and five flocks on three premises were positive for H6N1. The disease was identified in turkey flocks generally located in central Minnesota.

AQUACULTURE REQUEST

Ralph Anderson, President of Aquaventures, Inc. on behalf of the

Board of Directors of the Minnesota Aquaculture Association requested that the Board develop a program for certification of fish growers and provide a training program for private veterinarians to provide this service. This Association represents the bait suppliers, the stocking fish growers, and the food fish growers. The Minnesota Department of Natural Resources presently provides some testing but does not have a certification program.

Dr. Friendshuh said the Board would need \$150,000 for a veterinary position and clerical support, travel, etc. in order to be responsible for such a program and provide training to veterinarians.

Dr. Friendshuh has been in contact with Dr. Myron Kebus in the Wisconsin Department of Agriculture who has developed a similar program for the Wisconsin fish raisers.

Following a discussion of the request a motion was made by Baker and seconded by Kumar and passed with all voting aye to pursue the request and invite Dr. Kebus to the next Board meeting in December to discuss the Wisconsin program. Mr. Anderson stated that the association was prepared to go before the Minnesota Legislature in the next session to request funding for the Program.

#### PSEUDORABIES PROGRAM REPORT

Dr. Paul Anderson, Veterinarian in Charge of the Pseudorabies Program, informed the Board that there is only one pseudorabies infected swine herd under quarantine in Minnesota today. This herd is in Mower county and it is expected that this herd will be depopulated under the APEP program. There are eight swine herds under quarantine where there are no test positive pigs. These herds will undergo a second whole herd or statistical sample test

and if this is negative the quarantine will be released.

Dr. Anderson pointed out that with the exception of Iowa with 549 quarantined swine herds the Nation is essentially free of pseudorabies in the domestic swine.

Dr. Anderson reminded the Board that a meeting has been scheduled with the swine veterinarians for Monday evening, September 25, 2000 in Fairmont, Minnesota to discuss strategies for dealing with any outbreaks as we move into fall and winter.

Dr. Anderson reported on the USDA's Accelerated Pseudorabies Eradication Program (APEP) progress. Since January, 1999, 280,000 pseudorabies infected and exposed pigs from 286 premises have been rendered or sent to packing plants at a cost of \$19,000,000 in assistance to the swine producers. USDA, APHIS, Veterinary Services will provide \$1,300,000 to Minnesota swine producers for reimbursement for vaccine expenditures beginning October 1, 2000. This is being done in southern Minnesota and Iowa to reduce the spread of the pseudorabies virus by reducing the number of susceptible swine.

Dr. Anderson reported that the Board had spent \$850,000 for pseudorabies testing in FY, 2000. In FY 2001, the State will provide \$80,000 and USDA will provide \$380,000 for pseudorabies testing of swine.

The Minnesota Pork Producers Association has requested that additional counties be moved from Stage III to Stage IV in the pseudorabies program. Following a discussion of the issue Baker moved and Searles seconded a motion to request that USDA, APHIS, Veterinary Services designate the following counties as Stage IV:

Big Stone, Lac Qui Parle, Stevens, Swift, Chippewa, Pope, Kandiyohi, Stearns, Meeker, Wright, Sherburne, Isanti, Anoka, Hennepin, Chisago, Ramsey, and Washington. The motion passed with all voting aye.

Dr. Hagerty reported that he had received a request from Darral Nordick of Wilkin county to consider dropping the requirement for a pseudorabies test for swine exhibitions if the swine originate from and the exhibition is held in a Stage IV area.

Mr. Nordick is involved with 4H and felt the testing was an undue economic burden on 4H youth exhibiting swine. Dr. Hagerty has received letters from seven 4H members requesting consideration of this proposal.

Following discussion on the subject a motion was made by Baker, and seconded by Kumar and passed with all voting aye to discontinue the requirement of the Board to pseudorabies test swine for exhibition if the swine originate from a Stage IV/V area and if the exhibition is in a Stage IV/V area in Minnesota.

#### CATTLE AND RUMINANT DISEASES

Dr. Hartmann, Veterinarian in Charge of Cattle and Ruminant Diseases, discussed with the Board the status of the tuberculosis problem in Michigan cattle. He stated that USDA, APHIS, Veterinary Services has reduced Michigan's status from a Modified Accredited State to a Non-modified Accredited State. This requires that all cattle leaving Michigan other than for slaughter must be tested for tuberculosis. Dr. Hartmann has had requests from cattle producers in the upper peninsula of Michigan to consider their cattle differently than cattle from the lower peninsula. Tuberculosis has not been reported in any animals in the upper peninsula.

The Board considered this issue but decided unanimously not to approve the request.

Dr. Hartmann reported on the progress of the Johne's disease program. He said that since November, 1998, 86,501 head of cattle have been tested in 2,687 herds in Minnesota. Two hundred and eighty-nine (289) of these herds are beef herds, the other 2,398 herds are dairy herds. Two hundred and seventeen (217) herds have progressed beyond the initial 30 head test. Forty-eight (48) herds are in the U S Voluntary Johne's Disease Herd Status Program (USVJDHSP), two of these herds have reached the fourth level of the program.

Six dairy herds have been identified as demonstration herds. The purpose of the demonstration herds is to increase awareness of the problem and to learn what methods will be most successful and economical in reducing and eliminating the disease in the herd. Dr. Scott Wells, a Professor and Researcher at the University of Minnesota's College of Veterinary Medicine, is doing research on this disease. The Board is engaged in a collaborative program with Dr. Wells and the College in an education program for livestock producers and veterinarians and to develop a Johne's Disease Control Program.

Dr. Hartmann introduced Sam Bond, Director of Sales and Marketing for ImmuCell Corporation of Portland, Maine.

Mr. Bond explained to the Board ImmuCell's TIP Test Kit for Johne's which can be conducted in a veterinarian's laboratory without the need for additional equipment. Mr. Bond requested that the Board consider reimbursing the private practitioner for the

cost of the "Kit" since we do pay lab fees for the Johne's tests conducted at the Veterinary Diagnostic Laboratory (VDL) at the College of Veterinary Medicine. The consensus of the Board was that since the Veterinary Diagnostic Laboratory is the official laboratory of the Board and that to reimburse for tests performed at other Laboratories would set a precedent they will deny this request. A motion was made by Searles and seconded by Baker to table this request pending further information. All voted aye.

Dr. Hartmann reported that anthrax has been diagnosed in cattle in seven premises in five counties in northwestern Minnesota. Never in the history of the Board has anthrax been reported in that part of Minnesota. The counties where anthrax has been identified are one premises each in Becker, Clay, Marshall, Pennington and three premises in Roseau. Dr. Terry Bolding, District Veterinarian for the Board in this area reported on the epidemiology of these cases and the disposition of the carcasses. All were burned and buried on site.

Dr. Heidi Kassenborg, Veterinarian with the Minnesota Department of Health, reported on one of the cases in Roseau county where one of the cattle was slaughtered for human consumption. The Health Department isolated anthrax bacteria from the processed meat, some of which had been eaten by the farm family. She stated that over 60 people, the farm family and others that processed the animals and those who had animals subsequently processed in this locker plant were being treated with antibiotics. No one had gotten seriously ill from this exposure. The locker plant was closed and thoroughly cleaned and disinfected before opening again for business.

Kaye Ziebarth, President of the 240 member Minnesota Elk Breeders Association, came before the Board with several requests.

She asked that the Board consider a program that would lead to the classification of Minnesota as free of tuberculosis in Elk. Dr. Hartmann replied that this must be part of a nationwide classification program in order to have other states accept Minnesota's position. He pointed out that there is a USDA Uniform Methods and Rules, (UM and R) for cervidae and the procedure would be to include mandatory testing of all farmed Elk in order to gain acceptance by states of state status. Ms. Ziebarth also requested that the Board consider a mandatory Chronic Wasting Disease Program (CWD) for Elk rather than the present voluntary program and that import restrictions be put in place requiring all imported Elk to originate from states with a mandatory CWD control program. Dr. Hartmann said this will require both legislation and a rule change. Money will need to be appropriated for this program. These issues will be pursued by the Elk breeders.

#### EQUINE INFECTIOUS ANEMIA

Dr. Anderson reported that nine cases of EIA have been reported in calendar year 2000 to date. Eight of the cases were identified on routine EIA tests and one horse was clinically ill and subsequently died of the disease. There are currently 17 horses under quarantine for EIA in Minnesota. Forty seven thousand (47,000) horses were tested for EIA in FY '00.

#### AUTHORIZATION OF EXECUTIVE DIRECTOR TO ISSUE ADMINISTRATIVE ACTIONS, MS 35.92 SUBDIVISION 1, ENFORCEMENT

Following discussion of this issue, the consensus of the Board was that it was necessary that the Executive Director have the

authority to act on behalf of the Board and that any action taken must be reported to the Board upon implementation of the action.

A motion was made by Kumar and seconded by Baker and passed with all voting aye to delegate to the Executive Director the authority to act on behalf of the Board where enforcement is necessary and to report this action to the Board immediately.

#### BIENNIAL BUDGET REQUEST - BARBARA TROYER

Barbara Troyer, Business Manager for the Board, explained that the Budget request for the next biennium, FY 2002, FY 2003 had been submitted to the Department of Finance Thursday, September 14, 2000. The base Budget request is \$3,000,000 for each year of the biennium, up 3 per cent in FY '00 which reflects raises to employees negotiated by the Union contract. The Board has requested \$2,956,000 in new initiatives in FY '02 and \$1,064,000 in FY '03. The Department of Finance has indicated that no new initiatives may be granted unless the Agency has offered up 2½ per cent of its base to a "Challenge Pool". Ms. Troyer told the Board that this was not possible since 80 per cent of our base is salary related and to do so would mean to reduce the number of employees.

Dr. Hagerty said that it is not possible to further reduce our number of employees, now at 34, down from 38 six years ago because of our programs with pseudorabies, Johne's, CWD, tuberculosis, brucellosis, EIA and Avian Pneumovirus and Avian Influenza in poultry. In fact the initiatives requested additional funds for pseudorabies, pneumovirus, and Johne's.

We will receive a response from Finance in several weeks.

#### NEXT BOARD MEETING

The Board will meet at 9:30 a.m. on Friday, December 8, 2000

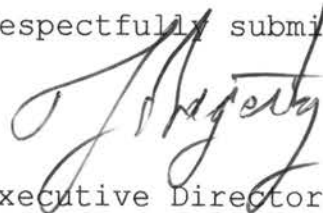
in the Board office in the Minnesota Department of Agriculture Building, 90 W Plato Blvd. St. Paul, Minnesota.

Before adjourning the Board reviewed the applications it has received for the position of Executive Director.

The Board decided they would interview four candidates on Thursday, November 9<sup>th</sup> and two candidates on Friday, November 10<sup>th</sup>. A location in the metro area will be selected for the interviews preferably on the 494 "Strip" possibly near the International Airport or the "Mega mall". A follow up meeting will take place on November 17<sup>th</sup> if necessary.

A motion was made by Searles and seconded by Baker to adjourn at 3:45 p.m.

Respectfully submitted



Executive Director

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY,  
DECEMBER 8, 2000

The regularly scheduled quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, December 8, 2000 in the Board office at 90 W Plato Blvd., St. Paul, Minnesota. All Board members, Sharon Baker, Todd Searles, Drs. Joni Scheftel Mahesh Kumar, and Darrell Zehrer were present as was the Executive Director Dr. T. J. Hagerty, Business Manager, Barbara Troyer, and Division Directors, Drs. Keith Friendshuh, William Hartmann, and Paul Anderson.

Also present was Dr. David Vogt, AVIC, Minnesota, Dr. Donald Rush, Veterinary Epidemiologist for USDA, APHIS, VS, Minnesota, Dr. Myron Kibus, Staff Veterinarian, Wisconsin Department of Agriculture, Bureau of Animal Health, Aquaculture Division, Ralph Anderson, representing the Minnesota Aquaculture Association, Dr. Liz Wagstrom with the Minnesota Department of Health and Ying Ji with Aquaculture Promotion in the Minnesota Department of Agriculture.

NOTICE OF MEETING IN THE STATE REGISTER

Dr. Scheftel noted that the notice of this Meeting appeared in the October 30, 2000 issue of the State Register.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF SEPTEMBER  
15, 2000

A motion was made by Searles and seconded by Kumar and passed with all voting aye to approve the Minutes of the September 15, 2000 Board of Animal Health meeting.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

With no further additions to the Agenda, President Scheftel declared approval of the Agenda as proposed.

CATTLE AND RUMINANT DISEASES

Dr. William Hartmann, Veterinarian in Charge of Ruminant Diseases reported on the Johne's Program. He stated that since the program began in 1998, 97,064 cattle have been tested in 2,879 herds. Two hundred and thirty two (232) are on herd plans of which 212 are dairy herds, 17 are beef herds and 3 are dairy/beef herds.

He reviewed for the Board the objectives of the program, pointed out the activity under the Voluntary Johne's Disease Herd Status Program and explained the purpose of the demonstration herds.

Four district veterinarians have been designated to conduct risk assessments on cooperating infected herds. The risk assessment will be conducted before developing a herd plan to manage and reduce the level of infection in a herd with the objective to be eradication of Johne's disease from the herd. The purpose of the demonstration herds is to develop a protocol for Johne's disease eradication. The Board discussed the efficacy of the tests that are available for Johne's and understands their limitations. The Board will continue to pay the Laboratory costs of the elisa test of the first 50 head tested in any herd and ½ of the laboratory cost on the remainder of the herd following the development of a herd plan on an annual basis. The Board also pays for the fecal culture tests on all Elisa positive animals.

Todd Searles raised the question regarding contamination of fecal cultures and wondered if something in the ration caused the problem. He suggested that the ration be made part of the risk assessment.

Dr. Hartmann also reported on the progress of Michigan's

Tuberculosis Program. Nine tuberculosis infected beef herds and 2 infected dairy herds have been identified to date in Michigan's five county area where many wild whitetail deer have been found to be positive for tuberculosis. The nine beef herds have been depopulated and the 2 dairy herds are undergoing "Test and Removal". Forty (40) deer have been found infected by deer hunter surveillance during this hunting season.

Two hundred and fifty thousand (250,000) cattle in 4,900 herds have been tested to date in Michigan. Sixty-one (61) reactors have been identified in the 11 positive herds. One farmed cervid herd was depopulated for tuberculosis.

The Board reviewed the restriction placed on Michigan ruminants entering Minnesota which had been approved by the Board at its April 7, 2000 meeting. Following a discussion of this review the Board reaffirmed its position to continue these restrictions.

#### POULTRY DISEASES AND COMPANION ANIMALS

Dr. Keith Friendshuh reported to the Board that the proposed Rabies Rule had been published in the October 23, 2000, State Register as directed by the Board. November 22, 2000 was the last day for comments to be received. One comment has been received. This is from Minnesota Zoo officials who questioned why zoo animals were not included in the proposed rule. Dr. Friendshuh pointed out that they are covered in the definition of "domesticated wild animals".

Dr. Friendshuh summarized the proposed changes to the rule and following a discussion on the rule as proposed, a motion on a resolution to adopt the rule was made by Kumar and seconded by Baker to adopt the rule as presented. All voted aye and the rule

was adopted.

Liz Wagstrom, a veterinarian with the Minnesota Department of Health, came before the Board to report on a human rabies case in an adult male in Detroit Lakes, Minnesota. This individual died of rabies two months after being bitten by a bat. The virus was found to be the bat strain. This is the fourth human death attributed to rabies in Minnesota in the last 100 years. Six (6) cases of rabies deaths in humans have been reported in 2000 in the United States.

Drs. Wagstrom and Friendshuh reported on a case of an eight week old Lab-cross puppy that was diagnosed with rabies. Drs. Friendshuh and Jostock investigated this case and located eight littermates. The mother of the litter had died for unknown reasons when the pups were approximately six weeks old. The mother's body was exhumed and the brain submitted to CDC for evaluation. No report from CDC has been received at this time.

Dr. Friendshuh introduced Dr. Mryon Kebus of the Wisconsin Department of Agriculture to the Board to discuss Wisconsin's Aquaculture Program. Dr. Kebus explained that the Wisconsin Legislature has placed the responsibility for fish health with the animal health divisions of the Wisconsin Department of Agriculture.

This places the authority to develop regulations for the movement of fish and fish health programs with veterinarians in the Department of Agriculture. This is important because more and more states are requiring fish to move into their states on Certificates of Veterinary Inspection.

Dr. Friendshuh reported on the Avian Pneumovirus disease situation. He said that Canada has imposed import restrictions on Minnesota turkey poults and eggs unless they are from flocks

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; RESOLUTION ADOPTING RULES**

**Adopted Amendment to Rules Governing Rabies, Minnesota Rules, 1705.1090-1705.1215**

I, Dr. Joni Scheftel, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 8th day of December, 2000, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

“RESOLVED, that the rules relating to Rabies in the form set out in Revisor Of Statutes draft, file number AR 3092, dated 10/23/2000, identified as Minnesota Rules, parts 1705.1090 to 1705.1215, are approved and adopted, pursuant to authority vested in the Board Of Animal Health by Minnesota Statutes, section 35.03. Dr. T. J. Hagerty, the Executive Director of the Board Of Animal Health, is authorized to sign the Order Adopting Rules and further is authorized to modify the rules if necessary to obtain the approval of the rules by the Revisor Of Statutes or the Administrative Law Judge and to perform the necessary acts to provide that the rules shall have the force and effect of law.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

December 8, 2000  
December 8, 2000

Joni Scheftel DVM  
Dr. Joni Scheftel, President  
Board Of Animal Health

Attest by one other Board Member

Sharon L. Baker  
Signature of Attesting Board Member

Sharon L. Baker  
Printed Name of Attesting Board Member

vaccinated for Avian Pneumovirus.

Dr. Kumar pointed out that in his experience the greatest number of newly infected turkey flocks are identified in the spring and fall seasons. He said that the disease continues to spread among the turkey flocks in Minnesota.

Dr. Friendshuh reported that the first case of Avian Influenza in turkey flocks since last spring was just identified in Stearns county (Later found to be from Rice county). Dr. Kumar stated that as expected this was an H1N1. Strain of the virus.

#### PSEUDORABIES PROGRAM REPORT

Dr. Paul Anderson, Veterinarian in Charge of Swine Diseases, reported that the last pseudorabies quarantine was released on Tuesday, December 5, 2000. There are no known pseudorabies positive swine in Minnesota today. That last swine herd to be found positive for pseudorabies was over six weeks ago. USDA has awarded an additional 17 counties in Minnesota Stage IV Status. Fifty two (52) counties are now in Stage IV and 35 in Stage III. Both on farm and slaughter surveillance continue in order to identify infected herds. Over 6,000 pigs were tested on farms in October and over 5,000 in November in Minnesota.

Dr. Anderson reviewed with the Board the additional restrictions placed on swine originating in Stage II areas entering Minnesota. On November 1, 2000, the Board began requiring PRV vaccination of all Stage II pigs in addition to the requirement of a permit and a 95/10 test of pigs on the site from which the pigs originate within 30 days. Also, 14 pigs out of each group imported must be retested for pseudorabies within 15 to 45 days of the entry. In addition, of Stage II pigs destined for Minnesota's

Stage IV area, a veterinarian in the Board office must assess the herd and premises of origin prior to a permit being issued. Sharon Baker requested that criteria be developed for movement of Stage II pigs into the Stage IV area.

A motion was made by Baker and seconded by Searles and passed with all voting aye to support these requirements.

Dr. Anderson reminded the Board that USDA, APHIS, VS has committed \$1,300,000 to Minnesota swine producers for pseudorabies vaccine reimbursement in FY 2001. This will be administered by the Board with the reimbursement checks issued through the AVIC's office. He said that there has been \$38,000 in reimbursement, ie 152,000 doses of pseudorabies vaccine reimbursed at 25 cents per dose, requested since October 1, 2000, the beginning of the Federal fiscal year.

Dr. Anderson informed the Board that in addition to \$6,000,000 now available in the U.S. for the Accelerated Pseudorabies Eradication Program (APEP) an additional \$56,000,000 has been made available by USDA in FY 2001 and \$34,000,000 in FY 2002. Therefore, if Minnesota experiences another pseudorabies outbreak in swine in this year and next there will be funds available to depopulate infected herds.

#### EQUINE INFECTIOUS ANEMIA

Dr. Anderson discussed with the Board the current equine infectious anemia program for equine that require a test of all equine entering Minnesota and for all equine presented at exhibition. He stated that nine (9) horses have been diagnosed positive to EIA since January 1, 2000 and that there are a total of 17 horses under quarantine for EIA in Minnesota.

Minnesota Board of Animal Health

CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING RESOLUTION

Proposed Rules and Amendment to Rules Governing Equine Infectious Anemia, Minnesota Rules, 1700.2100-1700.2500, 1705.2600-1705.2700 and 1715.0560-1715.0580.

I, Joni Scheffel, do hereby certify that I am a member and the Chair of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the eighth day of December, 2000, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

"RESOLVED, that Thomas J. Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board's Intent To Adopt Rules using Alternate Notices of whether a hearing will be held governing equine infectious anemia to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Thomas J. Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Thomas J. Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board's representative at the hearing and to perform any and all acts incidental thereto."

IN WITNESS WHEREOF, I have hereunto subscribed my name.

December 8, 2000  
December 8, 2000

Joni Scheffel DVM  
Joni Scheffel, Chair  
Board Of Animal Health

Attest by one other Board Member

Sharon L. Baker  
Signature of Attesting Board Member

Sharon L. Baker  
Printed Name of Attesting Board Member

Dr. Anderson asked the Board to approve an authorizing resolution to allow the staff to go forward as directed by the Board to develop rules requiring an EIA test of all equine offered for sale or any change of ownership and to establish the protocol for handling infected and exposed equine. He pointed out that 20 states require an EIA test for change of ownership. Also 48 states require a current test for entry, 30 states require a test for exhibition and 11 states require a test for movement of equine from premises to premises. Five (5) states have mandatory testing for all horses annually.

A motion was made by Baker and seconded by Searles to move the authorizing resolution and then was amended by Baker and Searles to specify the requirement for change of ownership testing and the development of the protocol for handling infected and exposed equine and that this be presented in a "dual track" procedure. Both the amendment and then the motion passed with all voting aye.

#### SELECTION OF EXECUTIVE DIRECTOR

The Board resumed their discussion of the December 1, 2000 meeting with the purpose of reaching a consensus on the selection of an Executive Director. They discussed the resumes, letters of recommendations and interviews of Drs. Anderson, Friendshuh and Hartmann. Following a lengthy discussion a motion was made by Kumar and seconded by Searles to appoint Dr. Hartmann to this position. Kumar, Searles, Baker and Scheftel voted aye and Zehrer voted nay. Dr. Hartmann was therefore elected to replace Dr. Hagerty upon his retirement.

Barbara Troyer discussed with the Board the Managerial Plan and the compensation grid. After considerable discussion, a motion

was made by Searles and seconded by Kumar to offer Dr. Hartmann a starting salary of \$88,677 per annum. This salary will increase as the Managerial Plan is negotiated in the next biennium.

Dr. Hartmann was called before the Board and Dr. Scheftel announced that he had been selected. He said he would accept but that he would like to have the weekend to give it serious consideration. Dr. Scheftel agreed and asked him to respond Monday morning December 11, 2000.

NEXT BOARD MEETING

The Board then set the date of the next quarterly meeting for Thursday, February 22, 2001 at 9:30 a.m. in the Board offices at 90 W Plato Blvd., St. Paul, Minnesota.

Dr. Scheftel declared the meeting adjourned at 3:00 p.m.

Respectfully submitted

  
Executive Director

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON THURSDAY,  
FEBRUARY 22, 2001

The regularly scheduled quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Thursday, February 22, 2001 in the Board office at 90 W Plato Blvd., St. Paul, Minnesota. All Board members, Sharon Baker, Todd Searles, Drs. Joni Scheftel Mahesh Kumar, and Darrell Zehrer were present as was the Executive Director Dr. T. J. Hagerty, Business Manager, Barbara Troyer, and Division Directors, Drs. Keith Friendshuh, William Hartmann, and Paul Anderson.

NOTICE OF MEETING IN THE STATE REGISTER

Dr. Scheftel noted that the notice of this Meeting appeared in the January 16, 2001 issue of the State Register.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETINGS OF NOVEMBER  
9 - 10, 2000, DECEMBER 1, 2000 AND DECEMBER 8, 2000

A motion was made by Searles and seconded by Kumar and passed with all voting aye to approve the Minutes of the November 9 - 10, 2000, December 1, 2000 and December 8, 2000 Board of Animal Health meetings.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

A motion was made by Baker and seconded by Searles and passed with all voting aye to adopt the Agenda as amended.

POULTRY DISEASES AND COMPANION ANIMALS

Dr. Keith Friendshuh announced that the rabies rule became effective on February 16, 2001 following final publication in the State Register. The "advisory" on "bats" was removed by the Administrative Law Judge reviewing the proposed rule since it was a recommendation rather than a requirement and does not belong in the

rule.

Dr. Friendshuh advised the Board that no proposed legislation pertaining to Aquaculture has been introduced thus far in this session.

Dr. Friendshuh and Dr. Kumar reported on the continuing problem with Avian Pneumovirus disease in turkeys in Minnesota. They said that the disease is spreading to turkey flocks throughout Minnesota and is now extending into North and South Dakota. As many as 35 to 40 per cent of the flocks in the State are infected based on the Board's surveillance on blood samples collected at processing plants. They explained that because there is no effective vaccine for this disease some producers are using a "controlled exposure" technique of exposing young poults to a 63<sup>rd</sup> passage of the field virus in an attempt to develop immunity in the flocks. This procedure has been somewhat effective.

Dr. Friendshuh reported on an event in Faribault county where a cattle producer reported the deaths of 71 pregnant beef cows out of a total of 100 cows. These cows died suddenly on January 14 and 15, 2001. Upon investigation by the South Dakota Veterinary Diagnostic Laboratory at Brookings, it was discovered that the cows had consumed an organophosphate, "Phorate" or trade name "Thimet".

It was further determined that this substance was in the sweet corn silage that had been fed the morning of the day the cattle began dying.

The carcasses were taken to the Blue Earth rendering plant at Blue Earth, Minnesota to be rendered. The Minnesota Department of Agriculture, upon learning of the intention to process these carcasses into meat and bone meal for animal feed issued a "cease

and desist order" to stop the rendering until they could determine if animals dying of the substance could be used for animal feed.

The Board has no involvement unless the final determination is that these carcasses cannot be rendered in which case an alternative disposal method must be found. The alternatives are burial, burning, or possibly composting. A decision has not been made at this time.

#### PSEUDRABIES PROGRAM REPORT

Dr. Paul Anderson reported that there are 106 herds of swine under quarantine for pseudorabies in the United States. One hundred and four (104) herds are in Iowa and two are in Minnesota. Both of the Minnesota herds are in Martin county. One is a three barn site with finishing only pigs and the other is a 750 sow farrow to wean operation on one site. Both have cleanup plans in place.

The Board continues to do both slaughter surveillance and on farm testing. Nine thousand (9,000) pigs were tested on farms in the swine dense 12 county part of Minnesota in the last three months November, December, and January. USDA, APHIS, Veterinary Services has allocated \$1,300,000 for pseudorabies vaccine reimbursement in Minnesota for fiscal year 2001. One million doses of pseudorabies vaccine has been used and reimbursed at 25¢ per dose since October 1, 2000 on Minnesota swine.

#### EQUINE INFECTIOUS ANEMIA

Dr. Anderson said that following the discussion on the development of a rule on equine infectious anemia (EIA) at the December 8, 2000 meeting he had solicited information on EIA requirements from other states.

Thirty four states require a current EIA test for exhibition,

23 states require an EIA test for change of ownership, 13 states require the test for movement within the state and all states require a current test for importation into the state.

He said that there are 17 EIA infected horses under quarantine in Minnesota. The most recently diagnosed case was three horses out of a group of 22 horses in Morrison county.

The Board agreed that reviewal of the draft rule be an Agenda item at the next Board meeting.

#### CATTLE AND RUMINANTS

Dr. William Hartmann discussed with the Board the Minnesota Voluntary Johne's Disease Program. He stated that in 1998, 1999, and 2000, 104,172 cattle were tested in 2,967 herds. Two thousand five hundred and twenty seven (2,527) were dairy herds, 346 were beef herds, 48 were mixed dairy and beef herds and 46 herds were not identified as either. Two hundred and forty one (241) herds have developed herd plans and 60 herds are on the herd status program. He explained that the Board in cooperation with Dr. Scott Wells of the University of Minnesota's College of Veterinary Medicine have identified eight demonstration herds; six dairy, and two beef. Four district veterinarians have been trained to do "Risk Assessments" in infected herds. There are 25 dairy herds and two beef herds where Risk Assessments have been completed.

Dr. Hartmann informed the Board that legislative initiatives have been introduced to increase the funding for the Johne's program. Senate File 523 and House File 558 would add an additional \$250,000 per year to the Johne's program. Senator Steve Murphy, Chair of the Senate Agriculture and Rural Development Committee offered an amendment to the Senate File to add \$100,000

to the program for the development of improved tests for the disease. This money would be directed to the College of Veterinary Medicine at the University of Minnesota.

Dr. Hartmann told the Board that there is activity at the National level that proposes significant funding for a National Johne's Disease Program.

Dr. Hartmann reviewed for the Board the tuberculosis problem in Michigan. He said the twelfth tuberculosis infected cattle herd was recently identified.

Dr. Hartmann discussed the situation of BSE in England and Europe and pointed out that no BSE has been diagnosed in cattle in the U S. Over 12,000 brains have been examined from "downer" cattle and cattle exhibiting CNS systems with all being negative.

He discussed Chronic Wasting Disease in wild mule deer in Northeastern Colorado and Southeastern Wyoming and two "farm raised" elk in Northwestern Nebraska.

Dr. Hartmann reviewed the USDA's Proposed Scrapie Eradication Program. He has been working with the Minnesota Scrapie Board to develop rules that would make Minnesota a "consistent" state in a National Program. This would be necessary to allow for interstate movement of sheep.

#### PERSONNEL

Barbara Troyer, Business Manager for the Board, stated that ten applications have been received for the position that will open as Dr. Hartmann moves to the Executive Director position. Interviews will be conducted within the next two weeks with a decision to be made soon after.

Dave Wiklund, Information Technology Specialist for the Board, reviewed the Board's Website and pointed out that there appears to be a significant amount of interest based on the number of "hits" received over the past six months.

The Board expressed their appreciation to Dr. Scheftel for her many contributions over the past eight years. This is her last meeting.


NEXT BOARD MEETING

The Board will meet at 9:30 a.m. on Friday, April 20, 2001 at the Board office at the Minnesota Department of Agriculture Building, 90 W Plato Blvd., St. Paul, Minnesota.

The meeting was adjourned at 12:15 p.m. on a motion by Kumar and seconded by Searles.

The Board members went to the Capitol to meet with appropriate Legislators.

Respectfully submitted,

  
Executive Director

MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY, APRIL 20, 2001

The regularly scheduled quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, April 20, 2001 in the Board office at 90 W Plato Blvd., St. Paul, Minnesota. All Board members, Sharon Baker, Todd Searles, Dr. Mahesh Kumar, and Dr. Darrell Zehrer and recently appointed Board member, Dr. Gary Leff, were present as was the Executive Director Dr. T. J. Hagerty, Business Manager, Barbara Troyer, Lori Rodriguez, Accounting Officer, and Dave Wiklund, Office IT Specialist, and Division Directors, Drs. Keith Friendshuh, William Hartmann, and Paul Anderson. Also present was Dr. Dale Lauer, Director of the Minnesota Poultry Testing Laboratory, Dr. Kim Brinton of Poultry Vet Services, Willmar, Steve Olson, Executive Director of the Minnesota Turkey Growers Association, Dr. Jeff Klausner, Dean of the College of Veterinary Medicine and Dr. Kristine Petrini, Chief Veterinarian for the Minnesota Zoo, who is leaving that position to become Veterinarian in Charge of the Cattle and Ruminant Division of the Board of Animal Health.

ELECTION OF OFFICERS

On a motion by Kumar and seconded by Searles and passed with all voting aye, Sharon Baker was elected President of the Board. On a motion by Searles and seconded by Leff and with all voting aye Kumar was elected Vice President of the Board.

NOTICE OF MEETING IN THE STATE REGISTER

Sharon Baker noted that the notice of this Meeting appeared in the March 12, 2001 issue of the State Register.

APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF February 22, 2001

A motion was made by Kumar and seconded by Searles and passed with all voting aye to approve the Minutes of the February 22, 2001 Board of Animal Health meeting.

APPROVAL OF AGENDA/BOARD MEMBERS INPUT

The Agenda was approved as presented by consensus with two additional items, a request for a change in the import requirements for cattle and an update on actions by the Legislature.

FOOT AND MOUTH DISEASE

Because of intense interest in the Foot and Mouth Disease epidemic in England the Staff of the Board has been asked to present information about the disease to the public many times in the past six weeks. Dr. William Hartmann, Veterinarian in Charge of the Cattle and Ruminant Division presented an overview of this disease, its effect worldwide and the implication for the United States and Minnesota if it were to occur in this country.

Dr. Hartmann explained that the Staff has contingency plans in place to deal with the disease if it were to appear in Minnesota.

The Staff is working with the Minnesota Department of Agriculture and the Department of Public Safety's Emergency Management Division to prepare Minnesota's emergency response plan to an outbreak of FMD.

Mike Fear, Animal Health Technician for USDA, APHIS, VS, Minnesota and Dr. Dale Neirby, District Veterinarian for the Board have been in England, assisting with the British Emergency Response Operation. Dr. Hartmann explained that Dr. Neirby is one of six Foreign Animal Disease Diagnosticians in Minnesota. Three are

Board of Animal Health veterinarians and three are USDA, APHIS, VS, Veterinary Medical Officers.

Dr. Hagerty stated that he had been invited to attend the Minnesota Federation of County Fair Board's executive meeting. The County Fair Boards are concerned about whether they will be able to hold livestock exhibitions this season. Dr. Hagerty said that his response was that as long as there are no cases of FMD in the U.S. it would seem to be appropriate to plan to hold these exhibitions.

He suggested that signs be put up at the entrance to livestock exhibit areas requesting that anyone who has been in a country that has FMD refrain from entering any livestock facility. The Board concurred with this position.

Searles asked what the Board thought about the Holstein Association holding their exhibition early this summer. It was the consensus of the Board to go forward with the exhibition and put up the appropriate signs.

Dr. Hartmann agreed to include in the packet that goes to County Fair Boards regarding exhibition regulations suggested signage and recommendations for producers to follow to prevent the entry of FMD virus.

#### CATTLE AND RUMINANT DISEASES

##### **JOHNE'S DISEASE UPDATE:**

Dr. Hartmann reviewed the Board's Voluntary Johne's Disease Program. He explained that the Board now pays for the Laboratory cost for the first 50 head of cattle in a herd. If the owner wishes to go further with the program he/she must agree to a risk assessment of the herd which identifies those managerial practices that must be changed to reduce the risk of exposure of uninfected

animals. All of the District Veterinarians have been trained to do risk assessments. Risk assessments have been completed on 104 cattle herds since January 1, 2001.

Dr. Hartmann reported that 65 Minnesota cattle herds are enrolled in the U.S. Voluntary Johne's Disease Herd Status Program.

Dr. Hartmann reported that at the National Johne's Working Group meeting held on April 1, 2001 in Colorado Springs, Colorado a significant portion of the meeting was spent on discussion of a proposal by a segment of the dairy industry to develop a program to indemnify herd owners for Johne's infected cattle if the owners agree to put infected cattle down and send them to rendering rather than have them enter the "food chain". The proponents are requesting 1.3 billion dollars from USDA which would be included in the 2002 agriculture bill.

#### TUBERCULOSIS IN CATTLE IN MICHIGAN

Dr. Hartmann said that Michigan has completed testing in about 50% of their cattle herds. They have found 11 infected herds. All are in the quarantine zone of the N.E. corner of the Lower Peninsula. The consensus of the Board was to continue the import restriction on Michigan ruminants.

#### IMPORTATION OF CATTLE/BISON

The Minnesota Buffalo Association sent a request to the Board asking for consideration of eliminating the TB test requirement for the importation of buffalo. There are no known cases of TB in privately owned buffalo in the U.S. and most buffalo are processed in facilities with USDA meat inspection. The Board agreed on a motion by Kumar, seconded by Searles and passed with all voting eye to instruct Dr. Hartmann to proceed with a rule change proposal to

eliminate the requirement for a negative TB test to import buffalo.  
(See attachment)

#### CWD SURVEILLANCE FOR ELK

The Minnesota Elk Breeders Association presented a request to require any elk being imported into Minnesota be from a Chronic Wasting Disease Monitored herd. A motion was made by Kumar, seconded by Searles and passed with all voting aye to instruct Dr. Hartmann to prepare a proposed rule for this purpose. (See attachment)

#### SCRAPIE

Dr. Hartmann asked the Board to adopt an authorizing resolution to allow him to promulgate rules for the eradication of scrapie. This would allow Minnesota to participate in the proposed National Scrapie Eradication Program. A motion was made by Kumar, seconded by Searles and passed with all voting aye to approve this authorizing resolution. (See attachment)

#### POULTRY PROGRAMS

Dr. Keith Friendshuh, Veterinarian in Charge of Poultry Diseases, reported on the status of the Avian Pneumovirus (APV) problem among turkey flocks in Minnesota. The disease continues to spread and the only control that is working is the use of the "Controlled Exposure" program using a strain of the virus that is identified as the strain found in Minnesota. Because there is no USDA licensed vaccine available, the Board has approved the use of this program on an experimental basis in a limited geographic area of the state. i.e., the more densely turkey populated central Minnesota counties. Producers are requesting that the use of this program be approved for a larger geographic area and on more flocks. Board rules do

not allow for extensive or continual use. The Minnesota Turkey Growers Association has requested the Legislature to adopt legislation that will exempt "poultry" from the provisions of Board rule 1720.0620 until June 30, 2002. This has passed the House and Senate and is in the Omnibus Agriculture bill. This would allow the use of the APV virus on a temporary basis until a licensed vaccine is available or until June 30, 2002. The vaccine will be produced by the University of Minnesota, College of Veterinary Medicine and distributed by the MN Poultry Laboratory in Willmar.

Kumar moved to approve the use of "Controlled Exposure" for the University produced APV vaccine provided legislation is passed and signed by the Governor exempting poultry from 1720.0620. Leff seconded the motion and it was passed with all voting aye.

#### SWINE AND EQUINE PROGRAMS

Dr. Paul Anderson, Veterinarian in Charge of Swine and Equine Programs, reported that there are four quarantined swine herds in Minnesota at this time. One is a finishing herd in Martin county and three are in one herd on three premises in Mower county. All have cleanup plans in place, are currently vaccinated and the pigs will go to slaughter with any remaining pigs to be enrolled in the "APEP" USDA program.

Dr. Anderson reported that \$153,300 has been spent for pseudorabies testing and \$750,000 has been spent for pseudorabies vaccine since October 1, 2000. This testing and vaccinating has been done with USDA allocated funds. This represents approximately 26,000 pigs tested and 3,000,000 pigs vaccinated. Dr. Anderson said that at this time there are Minnesota's four quarantined herds, 13 quarantined herds in Nebraska, and less than 80

quarantined herds in Iowa. These are the only quarantined swine herd/sites in the US at this time.

Dr. Anderson reported on the Equine Infectious Anemia (EIA) program in Minnesota. The Board requires an official EIA test within 12 months on all equine imported into Minnesota and on all equine presented for exhibition. The Board has instructed Dr. Anderson to prepare a proposed rule to require an EIA test for change of ownership for all equine.

Dr. Anderson did a survey of the EIA rules for all other states. (See attachment)

The Board expressed their concerns for the importance of the terms of quarantine of infected horses and how this is being enforced. Dr. Zehrer moved and Searles seconded a motion to grant the staff the authority to strictly enforce the isolation of infected equine by screening or separation by 200 yards from other horses. All voted aye and the motion passed.

Dr. Anderson is drafting a proposed EIA rule to be reviewed at the next meeting.

#### APPOINTMENT OF EXECUTIVE DIRECTOR FOR FY 2002

Dr. Hagerty will retire on June 6, 2001. Kumar moved and Seales seconded a motion to name Dr. William Hartmann as Executive Director to replace Dr. Hagerty for the remainder of FY 2001, June 7, 2001 - June 30, 2001 at \$42.47 per hour. (\$88,677 Annual) All voted aye.

Searles then moved and Kumar seconded a motion to name Dr. William Hartmann Executive Director for FY 2002, July 1, 2001 to June 30, 2002. The Executive Director will receive an increase in salary on July 1, 2001 as provided under the State's Managerial

64.

Plan. The Executive Director's compensation will include an "Achievement Award". This is provided in the Managerial Compensation Plan. All voted aye.

DATE AND PLACE OF NEXT BOARD MEETING

The Board will hold their next quarterly meeting at 9:30 a.m., Friday, September 21, 2001, at the Victorian Inn in Hutchinson, Minnesota.

A motion was made by Kumar, seconded by Searles and passed with all voting to adjourn at 1:15 p.m.

Respectfully submitted

A handwritten signature in cursive script, appearing to read "J. Lagerty".

Executive Director

Minnesota Board of Animal Health

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Amendment to Rules Governing Importation of Cervidae, Minnesota Rules,  
1700.4900 – 1700.5300**

I, Sharon Baker, do hereby certify that I am a member and the Chair of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 20th day of April, 2001, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

“RESOLVED, that Dr. Thomas Hagerty, Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules using Alternate Notices of whether a hearing will be held governing the importation of Cervidae to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. Thomas Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. Thomas Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

April 20, 2001



Sharon Baker, Chair  
Board Of Animal Health

Attest by one other Board Member



Signature of Attesting Board Member

MAHESH C. KUMAR

Printed Name of Attesting Board Member

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Amendment to Rules Governing Importation of Cattle, Minnesota Rules,  
1700.0100 – 1700.1500**

I, Sharon Baker, do hereby certify that I am a member and the Chair of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 20th day of April, 2001, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.


“RESOLVED, that Dr. Thomas Hagerty, Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules Without A Public Hearing governing the importation of cattle to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. Thomas Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”


“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. Thomas Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

April 20, 2001

  
\_\_\_\_\_  
Sharon Baker, Chair  
Board Of Animal Health

Attest by one other Board Member

  
\_\_\_\_\_  
Signature of Attesting Board Member

MAHESH C. KUMAR  
Printed Name of Attesting Board Member

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING RESOLUTION**

**Proposed Rules Governing Scrapie, Minnesota Rules, 1705.2700 – 1705.2800**

I, Sharon Baker, do hereby certify that I am a member and the Chair of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 20th day of April, 2001, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

“RESOLVED, that Dr. Thomas Hagerty, Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules using Alternate Notices of whether a hearing will be held governing Scrapie to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. Thomas Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. Thomas Hagerty, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

April 20, 2001



Sharon Baker, Chair  
Board Of Animal Health

Attest by one other Board Member



Signature of Attesting Board Member

MAHESH C. KUMAR

Printed Name of Attesting Board Member

SURVEY OF EIA RULES BY STATE

## Terms of EIA Quarantine

- Restricted to premises – IA, SD, WI
- Isolation (200 yards or screened enclosure) – TX, ND, MO, OK, IN, PA, GA, NY, FL, UM&R
- Screened enclosure – IL, KY
- Euthanasia or slaughter – AR, LA



## MINNESOTA BUFFALO ASSOCIATION

*Creating a progressive rumble in the Bison Industry*

Route 5, Box 2 • Winona, Minnesota 55987

April 18, 2001

Tom Haggerty, D.V.M.  
Board of Animal Health  
90 West Plato Blvd.  
St. Paul, MN. 55107

Dear Dr. Haggerty,

On behalf of the Minnesota Buffalo Association I would ask that the Minnesota Board of Animal Health consider our request to eliminate the regulation requiring that bison imported into the State of Minnesota be tested for tuberculosis. We feel that if the request is granted that it would apply to breeding and feeding animals.

The Minnesota Buffalo Association feels that this request is supported by the following:

- 1) Presently there are no known case of TB in bison.
- 2) The last TB infected bison herds were cleaned up over 15 years ago.
- 3) Rigorous testing since that time has not disclosed any positive animals.
- 4) Compared to ten years ago, some estimate that close to 90% of all bison slaughter is now done under either state or federal inspections.
- 5) As a small meat industry, economic opportunity will be lost as fewer bison are fed in Minnesota due to the costs and difficulty of TB testing.
- 6) TB testing is extremely stressful to the bison because of the second handling thru the chute.





## MINNESOTA BUFFALO ASSOCIATION

*Creating a progressive rumble in the Bison Industry*

Route 5, Box 2 • Winona, Minnesota 55987

In making this request the Minnesota Buffalo Association is aware that there are tuberculosis concerns in some states and that the Board would require testing depending on the origin of the animals.

We appreciate the Board's consideration of this request to eliminate the requirement of TB testing in bison imported into Minnesota.

Sincerely,

John D. Bowron, D.V.M.  
Chairman of Animal Health Com.  
Minnesota Buffalo Association



877-929-2828 • web: [mnbison.org](http://mnbison.org) • email: [info@mnbison.org](mailto:info@mnbison.org) • Fax: 208-361-5992



## **MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY, SEPTEMBER 21, 2001**

The regularly scheduled quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, September 21, 2001 at the VFW Post in Hutchinson, Minnesota. All Board members, Sharon Baker, Dr. Mahesh Kumar, Todd Searles, Dr. Darrell Zehrer and Dr. Gary Leff, were present as was the Executive Director Dr. William Hartmann, Division Directors, Drs. Keith Friendshuh, Kristine Petrini and Paul Anderson. Also present was Dr. Dale Lauer, Director of the Minnesota Poultry Testing Laboratory, Dr. John Piehl, USDA Veterinarian, Dr. Arnold Jostock, Board of Animal Health Veterinarian, Senator Steve Dille, Dr. Joni Sheftel and Dr. Virgil Voigt, Crow River Veterinary Clinic, Hutchinson.

### **NOTICE OF MEETING IN THE STATE REGISTER**

Sharon Baker noted that the notice of this Meeting appeared in the August 13, 2001 issue of the State Register.

### **APPROVAL OF THE MINUTES OF THE QUARTERLY BOARD MEETING OF APRIL 20, 2001**

A motion was made by Kumar and seconded by Searles and passed with all voting aye to approve the Minutes of the April 20, 2001 Board of Animal Health meeting.

### **APPROVAL OF AGENDA/BOARD MEMBERS INPUT**

The Agenda was approved as presented by consensus.

President Baker called for a moment of silence in honor of American citizens who lost their lives in the tragic terrorist attacks on September 11, 2001.

## **Legislative Update**

Senator Steve Dille reviewed the 2001 Legislative session. He reported on the \$250,000 in additional funding the Board received for Johne's disease. He expressed concern that the Board's budget was not enhanced more. He reported that Governor Ventura has called for no supplemental budgets in the upcoming session.

## **Emergency Planning**

Dr. Hartmann presented a progress report on the staff's efforts in preparing for a Foot and Mouth Disease (FMD) outbreak. He stated that as of September 19, 2001 the United Kingdom has had FMD confirmed on 2,023 farms. The number of farms found each day has declined drastically. Dr. Hartmann stated that the key state agencies involved in planning for an FMD outbreak are the Board of Animal Health, Department of Agriculture, Department of Public Safety and the Pollution Control Agency. He detailed the different areas of responsibility of these agencies.

## **Cattle and Ruminant Diseases**

### **Anthrax in Northwestern Minnesota**

Dr. Petrini reported on an anthrax outbreak in northwestern Minnesota. Approximately 80 animals on 19 different premises have died this summer in Minnesota from anthrax. In addition to cattle, a few horses and two free-ranging white-tailed deer have died. Most cases occurred in Roseau and Kittson County, with one case each in Marshall and Polk counties. When anthrax is confirmed on a farm a 30-day quarantine is established. Carcasses of dead animals are burned and buried where they die. Remaining herd

members are removed from infected pastures when possible, treated with penicillin, and vaccinated for anthrax. Last year 33 animals died of anthrax on 7 different premises. Because of the increase in deaths from anthrax this year, the staff will recommend vaccinating cattle for anthrax next spring in herds within 10 miles of previously affected herds. Currently, Board rules require that anthrax vaccine be administered by veterinarians. This rule was written when anthrax vaccine was considered a public health risk. This is no longer an issue with the new vaccine. Cattle producers in the affected region have requested the Board's rules be changed to allow them to vaccinate their own cattle. Dr. Petrini asked the Board to adopt an authorizing resolution to allow her to delete the requirement in Board rules that anthrax vaccine be administered by a veterinarian. A motion was made by Kumar, seconded by Searles and passed with all voting aye to approve this authorizing resolution. Dr. Petrini reported that the Board rules covering anthrax were outdated. Much of the language in the rules detailing what should be done in infected herds is no longer applicable. Dr. Petrini asked the Board to adopt an authorizing resolution to update the anthrax rule. A motion was made by Kumar, seconded by Searles and passed with all voting aye to approve this authorizing resolution.

### **Scrapie**

A nationwide scrapie eradication program has recently been instituted by the U.S.D.A. The final rule "Scrapie in Sheep and Goats; Interstate Movement Restrictions and Indemnity Program; Final Rule" was published in the Federal Register on August 21, 2001. Key elements of the program include:

- Interstate movement restrictions on animals from infected, source, high risk and exposed flocks
- Indemnification program for high risk, test positive and suspect animals
- Nationwide individual ID program for breeding sheep and goats over 18 months
- Surveillance and testing of sheep at slaughter
- Uniform minimum standards for state scrapie programs

Upon the request of the Minnesota Scrapie Board, the Board of Animal Health has agreed to administer the statewide identification program. The Board has a cooperative agreement with USDA:APHIS:Veterinary Services that provides funding for a staff member to perform these duties. The new Federal identification requirements for interstate movement of breeding sheep and goats will go into effect on November 19, 2001.

### **Johne's Disease Update**

Dr. Petrini reported that a biennial budget of \$650,000 has been approved for the Johne's disease program (\$450,000 for FY02 and \$200,000 for FY03). There has been a steady increase in the number of cattle tested for Johne's disease each year since 1997 with 50,990 cattle tested in 1524 herds in fiscal year 2001. By encouraging risk assessments over the next few years we will be shifting the emphasis from testing to disease prevention and control. Except for an initial screening of 50 animals the Board will not continue to pay for annual Johne's testing unless a risk assessment is done, or if the herd is enrolled in the United States Voluntary Johne's Disease Herd Status Program (USVJDHSP). In fiscal year 2001, 159 risk assessments were done by Board personnel.

As of September 1, 2001, 71 Minnesota herds were enrolled in the USVJDSP. The Board continues to support collaborative projects with the University of Minnesota including an evaluation of 9 demonstration herds and research into improved testing methods for Johne's disease detection.

### **Importation of Cervidae**

Dr. Petrini presented an authorizing resolution to the Board concerning the importation of Cervidae into Minnesota. This authorizing resolution had been discussed, voted on and signed at the April 20, 2001 Board meeting. The authorizing resolution that was signed at that meeting was for rules to be amended in a dual track. Dr. Petrini asked the Board to sign a new authorizing resolution to amend the rule without a public hearing. This change was recommended because the amendment to the rule is not believed to be controversial. A motion was made by Kumar, seconded by Leff and passed by all voting aye to approve this authorizing resolution.

### **Poultry and Companion Animal Diseases**

#### **Human Exposure to Rabies**

Dr. Friendshuh explained parts of the Rabies Rule that went into effect in February, 2001. He explained the definition of domesticated wild animals. Domesticated wild animals are defined as a wild or hybrid animal that is confined or controlled by a human and for which the rabies incubation and viral shed times are unknown. The rule states that a domesticated wild animal that bites a human must be euthanized and tested unless the person bitten receives post exposure prophylaxis. Dr. Friendshuh explained what happened with "Como" the tiger and that the test was negative. He and Dr. Petrini are

meeting with legislators to discuss the possible development of a law that would regulate private collections of dangerous domesticated wild animals.

### **Bio-security**

Dr. Friendshuh reported on a written request from the Dairy Leader's Roundtable and Minnesota Milk Producer's Association to develop a 3-part bovine Bio-Security Plan.

The request is as follows:

1. Develop and enforce a comprehensive "Bovine Bio-security Plan" for livestock auctions and exhibits to prevent the spread of infectious diseases.
2. Develop an "On Farm" Bio-security plan and request processors of milk to assist their patrons in establishing their "On Farm" plan and monitor the processor' plan of action.
3. Request the state veterinarians to implement and advise On Farm Bio-security plans.

The Board recommended that the Dairy Leaders Roundtable form an advisory committee to develop best management practices (BMP's) for dairy farms, livestock sales and livestock exhibitions. The Board staff will assist the Dairy Leaders Roundtable in the development of these BMP's. Once these BMP's are completed the Board will review them and determine any further involvement of the staff. It was the Board's opinion that the BMP development should be the responsibility of the dairy industry.

### **Salmonella Enteritidis**

Dr. Dale Lauer, Director of the Minnesota Poultry Testing Laboratory reported on the isolation of Salmonella enteritidis phage type 4 in a Minnesota turkey breeder flock. Due

to the sensitivity of this issue, involvement of other states (Missouri, Wisconsin) and lack of a uniform USDA/NPIP program to handle positive Salmonella enteritidis flocks, a Minnesota Control Program for Salmonella enteritidis was developed with industry input. This plan was discussed and Dr. Kumar made a motion to approve the plan. The motion was seconded by Searles and passed with all voting aye.

### **Avian Pneumovirus Update**

Dr. Lauer reported on the current status of Avian Pneumovirus in Minnesota. Avian Pneumovirus persists as a disease problem for the Minnesota Turkey Industry. Surveillance for the disease in Minnesota and surrounding states continues at the Minnesota Poultry Testing Laboratory, where test results are documented, tracked and reported to the industry. Distribution of the Controlled Exposure (CE) virus from the Minnesota Poultry Testing Laboratory began June 2001 and has been readily accepted by the industry. 419 vials of virus, used to expose approximately 4 million turkeys from 95 flocks has been distributed to date.

### **Swine and Equine Diseases**

#### **Pseudorabies Program**

Dr. Paul Anderson reviewed the status of pseudorabies in Minnesota and the United States. There are no quarantined herds in Minnesota. There are eight quarantines remaining in Iowa and one in Nebraska. Dr. Anderson asked for the Board's permission to make application to USDA to move 25 additional counties into Stage IV. Dr. Leff made a motion to move those 25 counties to stage IV, Kumar seconded the motion and all voted aye. The application will be presented to the National Pseudorabies Control Board at the USAHA meeting in early November.

**Equine Infectious Anemia Program**

Dr. Anderson reported on the status of Equine Infectious Anemia (EIA). There are 14 infected horses in Minnesota. Four new cases have been identified in 2001. Efforts continue in the development of new EIA rules. These rules will require an EIA test for change of ownership and clarify procedures for handling infected horses.

**Eastern Equine Encephalitis**

Dr. Anderson informed the Board that four cases of Eastern Equine Encephalitis (EEE) have been confirmed this summer in Minnesota. One case was in Blue Earth county, two in Wright county and one in Kanabec county. This disease is not normally found in Minnesota and is particularly important because it can affect humans as well as horses.

**Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Friday, December 14, 2001, at the Board office in St. Paul, Minnesota.

A motion was made by Kumar, seconded by Searles and passed with all voting aye to adjourn at 1:30 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON FRIDAY, DECEMBER 14, 2001**

The regularly scheduled quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Friday, December 14, 2001 at the Board's Office in St. Paul, Minnesota. The following people were present:

Board Members: Sharon Baker, Mahesh Kumar, Todd Searles, Darrell Zehrer  
Staff Members: William Hartmann, Executive Director  
Keith Friendshuh, Kristine Petrini and Paul Anderson, Assistant Directors  
Dale Neirby, District Veterinarian  
Constance Sinclair, Accounting Officer  
Rita Hatch, Office/Administrative Specialist Principal  
Guests: Thomas Masso, Assistant Commissioner, MN Dept. of Agriculture  
Mark Davidson, Area Veterinarian in Charge USDA:APHIS:VS  
Will Hueston, Director, Center for Animal Health and Food Safety  
Steve Olson, Executive Director, MN Turkey Growers Association

### **Notice of Meeting in the State Register**

Sharon Baker noted that the notice of this Meeting appeared in the November 13, 2001 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of September 21, 2001**

The Minutes of the September 21, 2001 Board of Animal Health meeting were approved.

### **Approval of the Agenda/Board Members Input**

The Agenda was approved as presented by consensus.

### **Memorandum of Understanding**

Thomas Masso, Assistant Commissioner Minnesota Department of Agriculture, reviewed the relationship of the Board of Animal Health and the Department. The two agencies share the same building and have a close working relationship. The responsibilities of the two agencies overlap in many areas of animal agriculture. It is a relationship that benefits the citizens of Minnesota. He proposed formalizing the relationship with a memorandum of understanding between the two agencies. Board members were given a draft memorandum of understanding to review.

### **USDA:APHIS:Veterinary Services Report**

Mark Davidson, Minnesota Area Veterinarian In Charge for USDA:APHIS:VS, reviewed the relationship of the Board of Animal Health and USDA:APHIS:Veterinary Services. Two new district veterinarians have been hired to fill the complement for field activities in Minnesota. A search is currently underway for a poultry epidemiologist to fill that vacant position. USDA:APHIS:VS is providing funding to the Board of Animal Health to administer the tag registration portion of the Scrapie program. Also a veterinarian has been hired to coordinate the Scrapie and Bovine Spongiform Encephalopathy programs

in Minnesota. In federal fiscal year 2001 USDA:APHIS:VS provided 1.2 million dollars for the pseudorabies vaccine reimbursement program and 235 thousand dollars for the pseudorabies testing program in Minnesota.

### **Center for Animal Health and Food Safety**

Will Hueston, Director of the newly established Center for Animal Health and Food Safety at the College of Veterinary Medicine, University of Minnesota reviewed the objectives of the Center and its relationship with the Board of Animal Health. The Center is a University of Minnesota initiative focusing on the food system from the farm to the consumer. The Center improves food safety by aggressive risk communication, applied research, expanded educational programs and facilitation of creative prevention and quality assurance strategies involving producers, processors, distributors, retailers, food service and consumers. The Center pulls together faculty from Colleges and Departments across the university in disciplines of human and veterinary medicine, public health, agriculture, nutrition, economics, engineering and business. Center faculty actively collaborate with professional organizations, industry and commodity groups, consumer representatives, and government animal and public health agencies at both the state and federal level. Center funding comes from state appropriations, food system partners, grants, contracts and gifts. The Center supports visiting faculty appointments, research fellows and associates and graduate students. Matching funds are committed to enhance university expertise in animal health and food safety through seminar speakers, faculty development programs, and pilot research programs and clinical trials.

### **Foot and Mouth Disease Emergency Response Plan**

Dale Neirby presented a draft of the State of Minnesota Emergency Response Plan for Foot and Mouth Disease (FMD). This plan was drafted by the Board's staff in a cooperative effort with the Department of Agriculture, Pollution Control Agency, Department of Public Safety: Division of Emergency Management, and USDA:APHIS:Veterinary Services. The plan outlines the steps to be taken for early detection of FMD, rapid diagnosis and a coordinated response in the event of an outbreak. If the Board determines that a confirmed case of a disease in this state presents a substantial and imminent threat to the state's domestic animal population, it shall certify the case to the governor. After receiving certification from the board, the governor may declare an emergency for purposes of allowing the board to establish quarantine zones of control to protect the health of domestic animals from animal diseases of potentially disastrous proportions. This draft is open for public comment and will be revised as necessary. Mahesh Kumar asked what provisions have been made for indemnity payments for poultry when their movement is restricted. The draft of the plan did not address this issue. It was agreed during the meeting that the plan would be amended to address indemnity for poultry.

### **Chronic Wasting Disease (CWD)**

Kristine Petrini reported on the global concern that all transmissible spongiform encephalopathies have created with emphasis on CWD. USDA has implemented a national Scrapie eradication program and is proposing a national CWD eradication program. This disease affects export markets and there is real concern about its spread in the free ranging cervid population in the U.S. She reviewed the history of CWD since its

discovery in 1967 in a research facility in Colorado. Detailing its discovery in free ranging cervids in Colorado, Wyoming and Nebraska. CWD has been found in captive elk herds in Saskatchewan, Colorado, South Dakota, Montana, Oklahoma, Nebraska and Kansas. She reported that 38 elk from CWD infected herds in Canada and Colorado entered Minnesota over the past five years. These animals have been traced to their destinations here in Minnesota. In cases where the animals were still alive they were sacrificed and tested. All have tested negative. In cases where the animals died prior to the investigation the herds have been quarantined.

She asked the Board for a motion to place restrictions on elk entering Minnesota from other states in an effort to keep the disease out of Minnesota. A motion was made by Kumar, seconded by Baker and passed with all voting aye to implement the restrictions listed below on elk entering Minnesota.

In order to prevent the importation of elk that may injure the health of Minnesota livestock the following restrictions are imposed. No elk will be allowed entry into Minnesota if they originate in herds:

- located in the area of the United States where CWD is endemic in free ranging deer and elk.
- that have purchased elk from CWD infected herds unless these herds are cleared to the satisfaction of the Board.
- infected with CWD.
- that have not been in a state recognized CWD surveillance program for at least one year.

### **Johne's Disease**

Kristine Petrini reported on progress in and proposed changes to the Minnesota Voluntary Johne's Disease Program. 150,025 cattle in 3,515 herds have been tested for Johne's disease since the beginning of the program (June 1, 1998). District Veterinarians have completed risk assessments, developed herd plans and testing protocols for 159 farms. Seventy-eight herds are currently participating in the U.S. Voluntary Johne's Disease Herd Status Program. She reviewed the early results of evaluations of a fecal PCR test for Johne's disease. A team of investigators at the Minnesota Veterinary Diagnostic Laboratory is developing this test. Preliminary data indicates favorable correlation with the fecal culture test. The advantage of this test is that it can be completed in two days rather than the 4 months a fecal culture test takes.

She recommended the following changes to the Voluntary Johne's Disease Program:

- Reduce the number of cows that the Board will pay the laboratory cost for a one time screening test from 50 to 30;
- Reduce the number of cows that the Board will pay the laboratory cost for a herd that has completed a risk assessment from the whole herd to a maximum of 200;
- Annual retesting in risk assessment herds will be based on progress in stopping the transmission to calves;
- Fecal culture follow-up testing will not be paid for in risk assessment herds.

These changes are recommended to maximize the benefit of the funds available for the Johne's disease program. The Board approved these changes.

### **Proposed Amendments to the Biologics Rule**

Keith Friendshuh reported on the progress of the proposed changes to the biologics rule, which would allow veterinarians to sell anthrax vaccine to farmers so they can vaccinate their own animals. He stated the rule and Statement of Need and Reasonableness have been sent to the Office of Administrative Hearings and to the Governor for approval. The rule and Notice to Adopt a Rule without a Public Hearing are at the State Register and will be published on December 24, 2001. This starts the official 30-day comment period that will end on January 23, 2002. After the comment period, the Board can adopt the rule and then it will take another 7-8 weeks before it becomes official.

### **Pseudorabies**

Paul Anderson reported on pseudorabies eradication progress. There are still no quarantined herds in Minnesota. The last case was identified in Mower County in March 2001. Only three quarantined herds remain in the United States, all in Iowa. He reviewed recent changes in status for Minnesota counties. Seventy-seven counties are now in Stage IV and ten remain in Stage III. In Stage IV counties, breeding swine may be sold and pigs may be taken to public exhibitions without prior testing.

### **Contingency Plans for Budget Reductions**

Constance Sinclair reviewed contingency plans for budget reductions requested from each state agency by the Department of Finance. The contingency plans were requested due to the projected 1.95 billion dollar revenue shortage. The contingency plans covered the current biennium, fiscal years 2002 and 2003, and the next biennium, fiscal years 2004 and 2005. There were two scenarios for each biennium: a five-percent budget reduction (\$292,000 for the current biennium and \$280,000 for the next biennium) and a ten-percent budget reduction (\$584,000 for the current biennium and \$ 560,000 for the next biennium).

### **Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Tuesday, February 12, 2002, at the Board's office in St. Paul, Minnesota.

A motion was made by Baker, seconded by Kumar and passed with all voting aye to adjourn at 1:00 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **MINUTES OF THE BOARD OF ANIMAL HEALTH MEETING HELD ON TUESDAY, FEBRUARY 12, 2002**

The regularly scheduled quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on Tuesday, February 12, 2002, at the Board's Office in St. Paul, Minnesota. The following people were present:

Board Members: Sharon Baker, Mahesh Kumar, Todd Searles, and John Whitten

Staff Members: William Hartmann, Executive Director  
Keith Friendshuh, Kristine Petrini and Paul Anderson, Assistant  
Directors

Dale Neirby, District Veterinarian

Rita Hatch, Office/Administrative Specialist Principal

Marie Marty, Office/Administrative Specialist

Guests: Mark Davidson, Area Veterinarian in Charge, USDA:APHIS:VS  
Trevor Ames, Chairman, Clinical and Population Sciences  
Department, College of Veterinary Medicine  
James Collins, Director, Minnesota Veterinary Diagnostic  
Laboratory

### **Notice of Meeting in the State Register**

Sharon Baker noted that the notice of this Meeting appeared in the January 14, 2002 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of December 14, 2001**

A motion was made by Mahesh Kumar, seconded by Sharon Baker and passed with all voting aye to approve the minutes of the December 14, 2001 Board of Animal Health quarterly meeting.

### **Approval of the Agenda/Board Members Input**

The Agenda was approved as presented by consensus with one addition. Paul Anderson was added to the agenda to discuss the meeting at the National Pork Board office in Des Moines, IA on February 13, 2002.

### **Legislative Update**

Bill Hartmann reported on issues of importance to the Board during this legislative session. He reported that three needs of the Board are addressed in the Administrations Domestic Terrorism Preparedness and Response Initiative.

1. Clarification of the Board's authority to quarantine livestock in the event of a Foot and Mouth Disease outbreak.
2. Deletion of the expiration date on the statutory changes made last session to provide the Board with the necessary authority to respond to Foot and Mouth Disease.
3. Funding for a veterinarian to develop and maintain an emergency response plan for Foot and Mouth disease and other foreign animal diseases.

Jim Collins discussed the proposed bonding of the renovation project at the Veterinary Diagnostic Laboratory. The estimated cost of this project is \$1,584,000. The space to be renovated is the lower floor of the old Veterinary Diagnostic Laboratory Building. The renovation would provide space for molecular diagnostic testing for Johne's disease, Porcine Reproductive and Respiratory Syndrome, Avian Pneumovirus, Bovine Mastitis, emerging diseases and foreign animal diseases. The project also would provide renovated space for the State/Federal Brucellosis Laboratory.

Bill Hartmann discussed the Governor's recommendations for budget reductions for the Board. Reductions for all agencies are being proposed to help make up the projected 1.9 billion dollar budget shortfall. The Governor's recommendation would reduce the Board's budget by \$292,000 this biennium. This represents 4.9% of the biennial budget.

### **USDA:APHIS:Veterinary Services Report**

Mark Davidson announced that Dr. Doug Jensen would be joining his staff as the Area Epidemiologist effective March 25. His primary responsibility will be the Avian Pneumovirus Program. Arrangements have been finalized to shift the brucellosis slaughter surveillance testing from the State/Federal Cooperative Brucellosis Laboratory to a USDA regional laboratory in Kentucky. USDA will be providing funding for the Johne's Disease Program. This includes \$2000 for educational activities, \$6000 to supplement testing and \$36,560 to support the demonstration herd project. Additionally proposals are being developed to request additional funding to support USDA and Board activities, as well as, support activities at the University of Minnesota, College of Veterinary Medicine.

### **Amendments to the Rabies Rule**

A motion was made by Kumar granting authority to the Executive Director of the Board of Animal Health to sign and to give notice of the Board's intent to adopt rules governing Rabies. The proposed amendment would prevent the unneeded euthanasia of stray animals that have bitten a person. Searles seconded the motion and all voted aye.

### **Amendments to the Biologics Rule**

A motion was made by Searles to adopt the amendment to the Sale and Distribution of Biological Products and Antigens Rule to allow the sale of Anthrax Vaccine to farmers by prescription. Kumar seconded the motion and all voted aye.

### **Foot and Mouth Disease Emergency Response Exercise**

Dale Neirby reported on the Foot and Mouth Disease training exercise held on January 23 at the State Emergency Operations Center. It brought representatives from the Department of Agriculture, the Pollution Control Agency, the Department of Public Safety, the Board of Animal Health, and USDA:APHIS:VS together to discuss their roles in Minnesota's response to a Foot and Mouth Disease outbreak. The State's Emergency

Response Plan was reviewed and action plans identified for future modifications. The next phase is to do a field exercise of the plan in April of 2002.

### **Pseudorabies Surveillance Pilot Project**

Paul Anderson reported on an upcoming meeting at the National Pork Board office in Des Moines, IA on February 13. The purpose of the meeting is to discuss results from a surveillance pilot project that used meat juice collected from market weight hogs at slaughter plants to identify pseudorabies infection in swine finishing units. The pilot project took place in Iowa and has been running for approximately 12 months. It utilized eight slaughter plants and the Iowa State University Diagnostic Laboratory. The project was funded using Accelerated Pseudorabies Eradication Program (APEP) funds.

Goals of this meeting are to determine if this surveillance protocol should be continued, if it is cost effective, if it should be expanded to other states, and if it could be adapted to diagnose diseases other than pseudorabies. Consensus from the group will be forwarded as a recommendation to USDA-APHIS-VS.

### **Johne's Disease**

Kris Petrini gave a brief update of the Johne's Disease Program budget. With the extra USDA funds that have been received to help with Johne's disease testing in Minnesota herds, we should be able to proceed with the producer-assisted testing outlined at the December Board meeting. This testing includes:

- ELISA tests and follow-up fecal cultures on 30 head as an initial screening test.
- Whole herd ELISA test (up to a maximum of 200 head) for herds that are participating in the Risk Assessment Program.
- All testing (fecal culture and ELISA) of the demonstration herds.
- All testing requirements for participation in the United States Voluntary Johne's Disease Herd Status Program.

These program changes were outlined in an updated brochure and letter that were sent to all large and mixed animal veterinarians in Minnesota in January. Information regarding ELISA test interpretation was also included in this mailing.

Additional USDA grant money is available for Johne's disease research projects. We are developing several proposals to submit for this grant, including a collaborative project with Wisconsin and the University of Minnesota that would validate the fecal PCR and assess the performance of milk ELISA tests.

Dr. Brad Peterson has been designated as Minnesota's field coordinator for Johne's disease. He will work with our district veterinarians to organize Johne's disease fieldwork and standardize procedures such as risk assessments, vaccinations, etc. Dr. Dale Neirby is assisting with the Johne's Disease Program by coordinating risk assessments and testing in demonstration herds.

We are working with the University of Minnesota to improve our Johne's disease testing and billing system. Work is also being done to fine-tune the risk assessment form so

information from the assessment can be entered into a database making it available for future retrieval and analysis.

### **Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Friday, April 19, 2002, at the Board's office in St. Paul, Minnesota.

A motion was made by Kumar seconded by Baker and passed with all voting aye to adjourn at 12:15 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **Minutes of the Board of Animal Health Meeting Held on Friday, April 19, 2002**

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on April 19, 2002, at the Board's Office in St. Paul, Minnesota. The following people were present:

Board Members: Sharon Baker, Mahesh Kumar, Todd Searles, Darrell Zehrer, John Whitten

Staff Members: William Hartmann, Executive Director  
Kristine Petrini, Paul Anderson, Dale Lauer, Assistant Directors  
Barbara Troyer, Business Manager  
Marie Marty, Office/Administrative Specialist

Guests: Jeffrey Klausner, Dean College of Veterinary Medicine  
James Collins, Director, Minnesota Veterinary Diagnostic Laboratory  
Jon Zack, Scrapie Coordinator, USDA:APHIS:VS  
Rod Patten and Nathan Redalen, Minnesota State Cattlemen's Association  
Doug Jensen, Area Epidemiologist, USDA:APHIS:VS  
Steve Olson, Minnesota Turkey Growers Association  
Bob Whitten

### **Proposed New Facilities for the Department of Agriculture**

Commissioner Gene Hugoson reported on the proposed new facilities for the Department of Agriculture. The plan would provide bonding for a new laboratory facility to be shared with the Department of Health. The bonding bill would authorize the Department of Administration to enter into an agreement with a private contractor to build office space for the Department of Agriculture, Department of Health and the Board of Animal Health. If the bonding bill were passed the buildings would be ready for occupancy in August of 2004.

### **Notice of Meeting in the State Register**

Sharon Baker reported that the notice of this Meeting appeared in the March 18, 2002 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of February 12, 2002**

A motion was made by Mahesh Kumar, seconded by Todd Searles and passed with all voting aye to approve the minutes, as corrected, of the February 12, 2002 Board of Animal Health quarterly meeting.

### **Approval of the Agenda/Board Members Input**

The Agenda was approved as presented by consensus.

### **Legislative Update**

Bill Hartmann reported on a number of legislative issues. The proposed 5% reduction in the Board's budget that was outlined at the last Board meeting did not happen. In the budget bill that passed there was no reduction to the Board's budget. In the bill are provisions for a hiring freeze and out of state travel restrictions. Bonding for renovation of the first floor of the old Minnesota Veterinary Diagnostic Laboratory is in both the House and Senate versions of the bonding bill. The antiterrorism bill no longer has an appropriation for the Board for an emergency planner. The language that would delete the expiration date for the Board's statutory authority to respond to a Foot and Mouth Disease outbreak is still in the senate version of the antiterrorism bill, but not the house version.

### **Foot and Mouth Disease Emergency Response Field Test Exercise**

Bill Hartmann reported that the emergency response plan for Foot and Mouth Disease is complete and has been posted on the Board's website. The Board and the Department of Agriculture on April 8th and 9th 2002 conducted a Foot and Mouth Disease field test exercise. The exercise was held at the University of Minnesota Outreach, Research, and Educational Park at Rosemount, Minnesota. Forty people representing the local community and local responders (county extension agents, county emergency managers, a public health nurse and public information officers) attended the first day. The second day of training was for the people and agency representatives that would work on an infected site performing the functions of diagnosis, indemnification, euthanasia, disposal, cleaning and disinfection. During the two days over 100 people attended from a dozen state agencies and volunteer groups.

### **Johne's Disease**

Kris Petrini provided an update on the Johne's Disease Program. She reported that Greg Suskovic will replace Dale Neirby as the demonstration herd coordinator. The Johne's disease testing changes that were implemented in February are in place and the program is running smoothly. Over 340 herds in Minnesota have had risk assessments done to date. Several grant applications have been submitted for Johne's disease research funding, including one for \$114,000 for the evaluation of new diagnostic tests. Johne's disease educational meetings for veterinarians have been scheduled in Rochester, Fergus Falls, St. Cloud, and Starbuck in May; one meeting was held in Nicollet on April 9<sup>th</sup>. The staff will distribute Johne's disease information to producers and answer questions regarding our program at a workshop being held at the Dairy Conference at the University of Minnesota in May. Dairy inspectors will assist staff by distributing 6000 Johne's disease brochures to dairy producers over the next year. Kris Petrini presented an update of spending to date as well as projected expenses for fiscal year 2003. If the Johne's disease program continues to expand additional funding will be necessary to cover program costs. The other alternative would be further reductions in producer assisted testing. Additional USDA funding may be available in fiscal year 2003.

### **Anthrax**

Kris Petrini reported that on March 11, 2002 the rule change that allows producers to vaccinate their own animals for anthrax went into effect. Staff helped alert producers and veterinarians to this change by creating a new anthrax brochure, holding two informational meetings for producers and veterinarians in northwestern Minnesota, and sending announcements and brochures to large and mixed animal veterinary practitioners. The Minnesota Department of Health prepared a list of safety recommendations for administration of anthrax vaccine. Staff distributed this document to veterinarians so they can provide it to producers when prescribing the vaccine.

### **Scrapie**

Jon Zack reported on activities related to Minnesota's Scrapie Program. Over 2,000 Minnesota sheep and goat producers have enrolled in the mandatory identification program. As part of the ongoing education efforts, staff is planning a mass mailing contracted through USDA, NASS to 3,900 Minnesota sheep and goat producers. This mailing will explain the mandatory identification requirements, as well as the 2002 exhibition and import requirements of the new Scrapie regulations. Two Scrapie infected flocks have been identified and depopulated. Over 650 blood and tissue samples were collected and sent to three laboratories as part of the Third Eyelid Validation Test Project for ongoing Scrapie research. Sheep in the North Dakota State University flock have tested positive for Scrapie. The list of high-risk sheep sold to Minnesota farms from the North Dakota State University flock includes 35 sheep on 24 farms. Plans are underway for appropriate producer contact, quarantine and testing.

### **Avian Pneumovirus**

Dale Lauer reported that Avian Pneumovirus (APV) continues to cause problems for the Minnesota Turkey Industry. 20-40 % of the flocks tested at the Minnesota Poultry Testing Laboratory (MPTL) are serologically positive for APV due to vaccination, controlled exposure (CE) or field virus. Distribution of the CE virus from the MPTL continues with virus distribution for approximately 10 million turkeys through March 2002. A commercial vaccine company has been contacted to produce APV vaccine with the approval process on going. USDA vaccine license studies have been approved, Minnesota field trials begin in May, with the vaccine potentially available sometime in 2002. The question of whether APV can be eradicated will be asked at a series of University of Minnesota area extension meetings. Meanwhile, future plans involve the incorporation of the USDA epidemiologist, incorporation of a "real-time" clinical reporting system and GIS technology. Different eradication and vaccination strategies will be explored.

### **Avian Influenza**

Dale Lauer reported that Avian Influenza has re-emerged as a disease problem in the United States. International trade restrictions, circulation of the virus in live bird markets and the potential to cause human illness all contribute to the concerns about this disease. These concerns have had a dramatic effect on the United States poultry industry. Minnesota currently does not have any infected flocks, but the potential exists. Avian Influenza is causing considerable problems in turkey and chicken flocks in Virginia. The presence of Avian Influenza serotype H7N2 has resulted in the depopulation of over 2

million birds. The Minnesota poultry industry has a Cooperative Avian Influenza Control Program that has been in place for over 20 years. This program helps producers identify and respond to Avian Influenza. In response to the current situation the Board of Animal Health, USDA and the Minnesota Poultry Industry will evaluate the current Minnesota Cooperative Control Program for Avian Influenza and update it as necessary.

### **Salmonella enteritidis**

Dale Lauer reported that the Salmonella enteritidis control program that was approved at the September 2001 Board meeting has been implemented. Results to date include negative testing on the farm, negative testing from the flock and one positive isolate from the hatchery, not associated with the flock.

### **Chronic Wasting Disease**

Paul Anderson reported on the current status of Chronic Wasting Disease (CWD) in Cervidae in the United States and Minnesota. Since cases of CWD were identified in free ranging white-tailed deer in Wisconsin, import requirements in other states have changed considerably. Some states have banned importation of Cervidae altogether. He reported on the outcome of the Cervidae Advisory Committee, which met on April 10, 2002. It was the consensus of the committee to adopt two position statements as follows:

#### **Position 1 - Importation of Cervidae and Chronic Wasting Disease (CWD)**

**Background:** The goal of the United States CWD program is to eradicate the disease from domestic cervidae. In Minnesota, CWD has never been identified. Surveillance is conducted in Minnesota cervid herds to verify negative status and to identify infection if present.

**Position:** It is the position of the Cervidae Advisory Committee that a moratorium on importation of cervidae into Minnesota would have a negative effect on surveillance and program activities. The Committee supports the following alternative:

Continue current programs and enhance surveillance activities in farmed and free ranging cervidae.

Restrict importation of cervidae as follows:

No importation of cervidae from infected or exposed herds or from known endemic areas.

Importation of cervidae only from herds that participate in state approved surveillance programs as follows:

Cervidae from states where no known cases of CWD exist must originate from herds that have been in a CWD surveillance program for at least 1 year.

Cervidae from states where cases of CWD exist must originate from herds that have been in a CWD surveillance program for at least 3 years.

#### Position 2- Mandatory CWD surveillance in farmed cervidae.

Background: The goal of the United States CWD program is to eradicate the disease from domestic cervidae. Surveillance is conducted in Minnesota cervid herds to verify negative status and to identify infection if present.

Position: It is the position of the Cervidae Advisory Committee that monitoring for CWD should be mandatory in farmed cervid herds that are registered with the Board of Animal Health.

A motion to support and immediately implement the committee's position on importation of Cervidae was made by Mahesh Kumar, seconded by Todd Searles, and all voted aye. Staff was instructed to implement this policy as part of the Board's requirements for importation of Cervidae on April 22, 2002.

A motion to gather more information on the committee's position on mandatory surveillance for CWD in farmed Cervidae was made by Mahesh Kumar, seconded by Todd Searles, and all voted aye. Staff was instructed to further study the legal and logistical aspects of this program and return to the Board with an update at the next Board meeting.

#### **Pseudorabies**

Paul Anderson reported that all Minnesota counties were granted Stage IV status on March 24, 2002. This means less testing and more freedom to move pigs from farm to farm. Producers in Stage IV counties may sell breeding swine without the traditional 30-day negative test. They can take pigs to public exhibitions without a negative test for pseudorabies. Annual herd monitoring tests for pseudorabies are no longer required. Unless approved by staff reimbursement for monitoring tests will be discontinued on May 1, 2002. A recent pseudorabies case in Nobles County will not slow progress toward free status in Minnesota. The new case of pseudorabies was identified near the town of Wilmont, Minnesota, in Nobles County on April 11, 2002. The herd involved had approximately 800 head of finishing pigs on the site at the time of quarantine. All pigs on the site were sent to slaughter on April 17. Circle testing in a six-mile area around the farm revealed no other infected farms. Because this herd was depopulated in 15 days and no other cases were identified, Minnesota will not lose Stage IV status. Prior to this case, there had been no other pseudorabies cases in Minnesota since March 24, 2001. Funding is still available for pseudorabies vaccine reimbursement. Reimbursement is 25 cents per dose of vaccine administered. Other states are progressing toward pseudorabies eradication. All states except Iowa have now achieved Stage IV or V status. Iowa reports no infected herds and is poised to move up to Stage IV before the end of 2002.

## **Interstate Movement of Swine within a Production System**

Paul Anderson reviewed a new USDA program for Interstate Movement of Swine within a Production System as published in the Federal Register/Volume 66, No. 245/December 20, 2001. The plan outlines an alternative method for interstate movement of swine that eliminates the requirement for individual identification of pigs, permits and certificates of veterinary inspection. Under the alternative provisions, the following must be met. A Swine Production Health Plan (SPHP) must be in place prior to movement. It must be agreed upon and signed by the producer, accredited veterinarians for each site, USDA: APHIS:VS, the sending state and the receiving state. It must contain a description of the record keeping system to follow health status. Each premise in the production system must be identified and inspected every 30 days. An Interstate Swine Movement Report (ISMR) must be filed with the Board for each movement. Reports can be (and are encouraged to be) electronic. Email might work very well. Prior to movement, a producer must notify the accredited veterinarian, the state of origin and the state of destination. Monthly, a producer must send a summary report of swine movements to USDA:APHIS:VS. The report must identify the premise identification for sending and receiving sites, the number of pigs, age of the pigs, and the purpose of the movement. In return the producer no longer has to obtain neither a certificate of veterinary inspection nor a permit. No individual identification of the pigs is required and there is no delay waiting for paperwork. A motion was made by Todd Searles, seconded by Mahesh Kumar and passed with all voting aye to permit this programs implementation in Minnesota.

## **Election of Officers to the Board of Animal Health**

The Executive Director took over direction of the meeting for election of officers to the Board of Animal Health for the next year. He opened nominations for president. Mahesh Kumar nominated Sharon Baker. No other nominations were offered. A vote was taken and all voted aye for Sharon Baker to be President of the Board of Animal Health for the next year. Nominations for Vice President were then opened. Darrell Zehrer nominated Todd Searles. No other nominations were offered. A vote was taken and all voted aye for Todd Searles to be Vice President of the Board of Animal Health for the next year.

## **Appointment of the Executive Director**

The Board members met in closed session with Barbara Troyer, Business Manager of the Board of Animal Health to discuss appointment of the Executive Director for the coming year. Todd Searles made a motion to reappoint William Hartmann as Executive Director of the Board of Animal Health for state fiscal year July 1, 2002 to June 30, 2003, Mahesh Kumar seconded the motion and all voted aye. The Executive director will receive an increase in salary at the maximum rate provided under the State's Managerial Compensation Plan. The Executive Director's compensation will include an "achievement" award that is part of the Managerial Compensation plan.

Mahesh Kumar made a motion directing the Executive Director to explore how funding for the Minnesota Veterinary Diagnostic Laboratory could go through the Board of Animal Health. The motion was seconded by Todd Searles and all voted aye. The Board

members are concerned that the Veterinary Diagnostic Laboratory, which is the official laboratory of the Board, is not receiving adequate funding to maintain services to the livestock and poultry industry.

**Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Friday, September 13, 2002, at the Holiday Inn in Alexandria, Minnesota.

A motion was made by Mahesh Kumar seconded by Todd Searles and passed with all voting aye to adjourn at 2:45 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **Minutes of the Board of Animal Health Meeting Held on Friday, September 13th, 2002**

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on September 13, 2002, at the Holiday Inn In Alexandria, Minnesota. The following people were present:

Board Members: Sharon Baker, Mahesh Kumar, Todd Searles, Darrell Zehrer, John Whitten

Staff Members: William Hartmann, Executive Director  
Keith Friendshuh, Kristine Petrini, Dale Lauer, Assistant Directors  
Arnold Jostock, Terry Boldingh, District Veterinarians  
Marie Marty, Office/Administrative Specialist

Guests: Mark Davidson, AVIC USDA:APHIS:VS  
Douglas Jensen, Area Epidemiologist USDA:APHIS:VS  
Glenn Zebarth, Veterinarian, Douglas Co Animal Hospital  
Steve Olson, Executive Director, MN Turkey Growers Association

### **Notice of Meeting in the State Register**

Sharon Baker reported that the notice of this Meeting appeared in the August 12th, 2002 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of April 19, 2002**

A motion was made by Mahesh Kumar, seconded by Todd Searles and passed with all voting aye to approve the minutes of the April 19, 2002 Board of Animal Health quarterly meeting.

### **Budget Update**

Bill Hartmann reported that due to revenue shortages this fiscal year the Board of Animal Health was required to return \$226,244 to the Department of Finance. He explained that this reduction in the budget could have seriously impacted the Board's disease control programs. This did not occur because the Board received significant funding from USDA for cooperative programs.

### **Veterinary Diagnostic Laboratory**

Bill Hartmann reported on his findings concerning funding for the Minnesota Veterinary Diagnostic Laboratory (VDL). Discussions were held with Jim Collins, Director of the Laboratory, Jeff Klausner, Dean of the College of Veterinary Medicine and Gene Hugoson, Commissioner of Agriculture. The University of Minnesota is requesting a \$500,000 increase for the VDL. In addition the VDL renovation project is on the University's priority list for bonding. Therefore, the best short-term strategy is to write a letter of support for the VDL addressed to the President of the University, and the Dean of the College of Veterinary Medicine. A letter will be sent from the Board and from representatives of the livestock industry.

### **USDA Report**

Mark Davidson reported on the funding that USDA provided to the Board for the following cooperative programs:

Johne's Disease	\$168,000
Homeland Security	\$514,000
Emergency Management Grant	\$50,000
Pseudorabies Eradication	\$2,075,000
Scrapie	\$130,000
Tuberculosis	\$750

He also reported on the following additions made to his staff to assist in our cooperative programs:

Dr. Jon Zack	Scrapie Program
Dr. Kristi Henderson	Chronic Wasting Disease Program
Jim Burmeister	Brucellosis Surveillance

### **Approval of the Elisa Test for Anaplasmosis**

Keith Friendshuh reported that Agriculture Canada will no longer accept the anaplasmosis complement fixation test for cattle imported into Canada. They now require the more accurate anaplasmosis c-ELISA test. Jim Collins, Director of the Minnesota Veterinary Diagnostic Laboratory, requested that this test be made the official test for Anaplasmosis at the laboratory. A motion was made by Mahesh Kumar and seconded by Todd Searles and all voted aye to approve the ELISA test for Anaplasmosis.

### **Anthrax rule - Adopted**

“Resolved, that the rules relating to Anthrax in the form set out in the Revisor Of Statues draft, file number AR 3330, dates 9/05/02, identified as Minnesota Rules, parts 1705.0010 to 1705.0050 are approved and adopted, pursuant to authority vested in the Board of Animal Health by Minnesota Statutes, sections 35.03. Dr William Hartmann, the Executive Director of the Board of Animal Health, is authorized to sign the Order Adopting Rules and further is authorized to modify the rules if necessary to obtain the approval of the rules by the Revisor of Statues or Administrative Law Judge and to perform the necessary acts to provide that the rules shall have the force and effect of law.”

A motion was made by Mahesh Kumar and seconded by Todd Searles and all voted aye to approve the Anthrax rule change.

### **Avian Pneumovirus**

Dale Lauer reported that processing plant surveillance continues. Forty five percent of the turkey flocks have tested positive for Avian Pneumovirus (APV) in calendar year 2002. The e-mail clinical signs reporting system has been well received by the industry. 140 flocks have been reported to the Minnesota Poultry Testing Laboratory (MPTL) since March 2002. Distribution of the Controlled Exposure (CE) virus from the MPTL is complete. In a 14-month span that ran from June 2001 to August 2002, enough viruses to expose 16.5 million turkeys were distributed. A modified-live Avian Pneumovirus Vaccine developed by Biomune Company has been approved by the Board to be distributed in the state. It is a USDA licensed and approved vaccine. Two distributors have been identified. The MPTL will supervise the entire permitting process for turkey growers in order to maintain the integrity of the APV surveillance program. The Area Regional Control and Eradication project, otherwise known as the Morgan Area Project, started September 1, 2002. The goal of this yearlong project is to eradicate avian pneumovirus from a geographic area of 25-30 farms in 3 counties (Brown, Redwood, Renville). This cooperative project between the Minnesota Turkey Growers Association, the Board of Animal Health, USDA, and the University of Minnesota continues to evolve.

### **Avian Influenza**

Dale Lauer reported that Avian Influenza has been identified six times through the Avian Influenza surveillance program at the MPTL in calendar year 2002. The turkey flock locations include: 1 flock H1N1 in Redwood county, 3 flocks H?N? in Westport, SD, 1 flock H1N1 in Milnor, ND, 1 flock H1N1 in Brown county, 5 flocks H10N7 in Brown county, 2 flocks H9N9 in Roseau county. Nationally, all flocks tested in Virginia associated with the LPAI – H7N2 outbreak, have been negative since July 2, 2002. 5 million birds were destroyed from 200 Virginia poultry farms. The outbreak, lasting from March – May 2002, cost growers \$140 million. The USDA provided a \$69.2 million indemnity package to Virginia growers. Other activities include test requirement changes for Mexican imports, a Russia – USA poultry agreement, and suspension of AI testing in

New York & New Jersey. Industry meetings continue to address the changing local, national and international situation.

### **Chronic Wasting Disease**

Kris Petrini reported that Minnesota had its first elk test positive for Chronic Wasting Disease (CWD). The elk died August 15, 2002 with clinical signs of CWD, on Clayton Lueck's farm. We have issued three quarantines on herds where the positive animal was kept over last 3 years. These herds belong to Clayton Lueck from Aitkin, Jim Moscho from Sauk Centre and Duane Thene from Sauk Rapids. All elk (48 animals) from the Clayton Lueck herd will be euthanized and tested within the next month. Disposition of the other two herds is to be determined after the initial testing on the Lueck farm.

### **West Nile Virus**

Kris Petrini reported 400 confirmed cases of West Nile Virus in Minnesota horses. The Department of Health Laboratory has been overwhelmed with samples and has a backlog of samples to test. Approximately 43% of the positive horses died. It appears that fully vaccinated horses are protected from the virus.

### **Johne's Disease Update**

Kris Petrini gave an update of the Johne's disease program. Risk assessments have been completed on 489 herds in Minnesota and an individual herd control program has been written for each of these herds. The risk assessment form has been revised to clarify certain questions and improve consistency of data collected. Each risk assessment is reviewed by Brad Peterson or Kris Petrini, and information is then entered into a computer database.

In May informational meetings for veterinarians were held in Rochester, St. Cloud and Fergus Falls. The purpose of the meetings was to distribute information about Johne's disease, to provide information about Minnesota's program, and to get feedback about the program. Approximately 50 veterinarians attended these 3 meetings. The fecal PCR test for detection of Johne's disease is now available for individual cow testing. The Minnesota Diagnostic Laboratory can perform approximately 50 of these tests per week. We are exploring ways to use this test in a limited number of herds. A research project is currently underway to fully validate this test in the field. The USDA awarded \$50,000 of grant money to help offset the cost of the project, which is a joint venture between Minnesota and Wisconsin. In addition to validating the fecal PCR, this project will also compare the results of three fecal culture methods for Johne's disease, three serum elisa tests, and the milk elisa test. The research will be completed by October 2003. Johne's disease funding and expenses for fiscal year (FY) 2002 were presented and projections for FY03, 04, and 05 were discussed. In order to continue the current program, additional funding will be required for the next 3 years. Because of Minnesota's active Johne's disease program, there is an excellent chance of receiving funding from USDA in the future.

### **Emergency Response Plan**

Bill Hartmann reported on the Nicollet County Foot and Mouth Disease (FMD) test exercise held August 19<sup>th</sup> and 20<sup>th</sup>, 2002. The purpose of this exercise was to discuss the local response to a FMD outbreak. The first day of the exercise was held in the Nicollet County Emergency Operations Center in St. Peter, MN. The second day was an on farm exercise to discuss security, depopulation, disposal, cleaning and disinfecting. Standard operating procedures from this exercise will be made available to all counties. Comments from the exercise will be incorporated into the next revision of the Emergency Response Plan.

### **Pseudorabies**

Bill Hartmann reported that no pseudorabies has been found in the United States except for Pennsylvania. Seven Pennsylvania counties are now back to Stage III with the balance of the state stage IV. The herd that tested positive in Pennsylvania was depopulated. This herd consisted of 700 sows, 3 nurseries and 5 finishers. Other states were not willing to allow movement of pigs from the infected farm in Pennsylvania through their states to be slaughtered. The pigs had to be disposed of within the state. USDA is providing \$500,000 in new funding for Pseudorabies vaccine reimbursement. This funding will be available until December 31 or until the money is fully expended.

### **Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Friday December 13, 2002, at the Board's office in St. Paul, Minnesota. A motion was made by Todd Searles seconded by Mahesh Kumar and passed with all voting aye to adjourn at 1:45 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **Minutes of the Emergency Board of Animal Health Meeting Held on Friday, October 18th, 2002**

On October 18<sup>th</sup>, 2002 an Emergency Board Meeting was held via teleconference, between the following people.

Board Members: Sharon Baker, Mahesh Kumar, and Darrell Zehrer  
Staff Members: Keith Friendshuh, Assistant Director

### **Carcass Disposal of CWD Deer from Wisconsin**

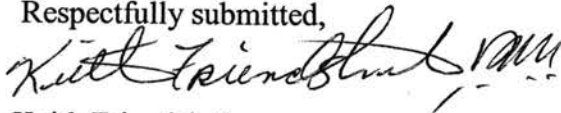
Daniel Wiebke, Wiebke Produce Inc. from Wisconsin requested permission to bring carcasses of deer killed in the Chronic Wasting Disease (CWD) endemic area of Wisconsin into Minnesota. The carcasses would be held in a freezer until testing for CWD is completed at the Wisconsin Laboratory. Bringing cervids from an infected farm or endemic area is a violation of Minnesota Law 35.155

A motion was made by Dr Mahesh Kumar, seconded by Sharon Baker to adopt a resolution that any and all action necessary to stop this should be taken. All voted aye in favor of the resolution.

A resolution to this effect was requested by the Attorney Generals office to show the Board was in favor of action, which resulted in a temporary restraining order against Wiebke Produce Inc. The order is in the name of The State of Minnesota by its Board of Animal Health, Commissioner of Natural Resources, Allen Garber; and Attorney General, Mike Hatch.

The resolution is attached.

Respectfully submitted,



Keith Friendshuh  
Assistant Executive Director

**RESOLUTION OF THE  
MINNESOTA BOARD OF ANIMAL HEALTH**

WHEREAS, the Minnesota Legislature enacted 2002 Minn. Laws Ch. 373, Section 22 directing that a person must not import cervidae into the state of Minnesota from a herd that is infected or exposed to chronic wasting disease or from a known chronic wasting disease endemic area as determined by the Board; and

WHEREAS, the Board of Animal Health has learned that the State of Wisconsin is considering entering, or has entered into, a contract with a person or entity to transport cervidae that are being tested for chronic wasting disease into the State of Minnesota and to store such cervidae within the State of Minnesota while Wisconsin awaits the test results determining which of the cervidae are infected with chronic wasting disease.

NOW, THEREFORE, BE IT RESOLVED:

To ensure that the importation of cervidae into the state from a herd that is infected or exposed to chronic wasting disease or from a known chronic wasting disease endemic area is prohibited, the Board approves and finds the following:

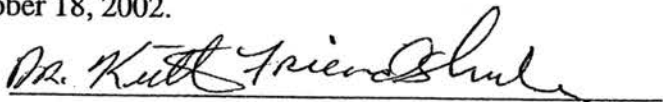
1. Any and all action necessary should be taken against any individual and/or company that engages in or contracts to engage in any activity whereby it would bring cervidae into the State of Minnesota from a herd that is infected or exposed to chronic wasting disease or from a known chronic wasting disease endemic area.

2. The Board of Animal Health finds that the following counties of Wisconsin are known to be an chronic wasting disease endemic area: Dane, Columbia, Green, Iowa, Jefferson, Juneau, Lafayette, Rock and Sauk.

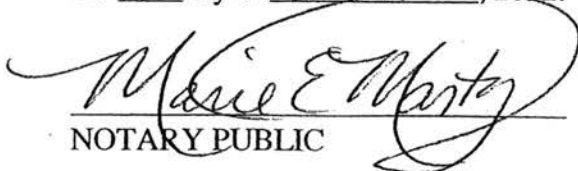
A quorum being present, the motion was duly made by Dr. Mahesh Kumar, seconded by Sharon Baker, and the question being on the adoption of the resolution and the vote taken, there were 3 yeas (and 0 nays) as follows:

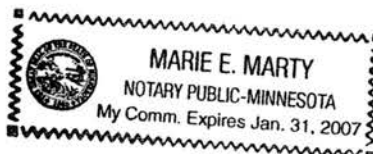
Mahesh Kumar, DVM	Yea
Sharon Baker	Yea
Darrell Zehrer, DVM	Yea

The resolution was duly adopted by the Minnesota Board of Animal Health at an emergency meeting held via teleconference call on October 18, 2002.

  
Dr. Keith Friendshuh, Assistant Executive Director  
of the Minnesota Board of Animal Health

Subscribed and sworn to before me on  
the 18 day of October, 2002.

  
NOTARY PUBLIC



## **Minutes of the Board of Animal Health Meeting Held on Friday, December 13th, 2002**

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on December 13, 2002, at the Board's Office in St. Paul, Minnesota. The following people were present:

Board Members: Sharon Baker, Mahesh Kumar, Todd Searles, Darrell Zehrer, John Whitten  
Staff Members: William Hartmann, Executive Director  
Keith Friendshuh, Kristine Petrini, Dale Lauer, Paul Anderson  
Assistant Directors  
Barbara Troyer, Business Manager  
Marie Marty, Office/Administrative Specialist  
Guests: Dawn Burmeister, AVIC, USDA:APHIS:VS  
Jon Zack, Scrapie Coordinator, USDA:APHIS:VS  
Ben Pomeroy, Minnesota Veterinary Medical Association  
Tom Pyfferoen, Minnesota State Cattlemen's Association  
Jeff Klausner, Dean, College of Veterinary Medicine

### **Notice of Meeting in the State Register**

Sharon Baker reported that the notice of this Meeting appeared in the December 3rd, 2002 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of September 13, 2002**

A motion was made by Mahesh Kumar, seconded by Todd Searles and passed with all voting aye to approve the minutes of the September 13, 2002 Board of Animal Health quarterly meeting.

### **Approval of the Minutes of the Emergency Board Meeting of October 18, 2002**

A motion was made by Mahesh Kumar, seconded by Darrel Zehrer and passed with all voting aye to change the wording of the minutes of the October 18, 2002 Board of Animal Health Emergency meeting from "any action necessary to prevent Weibke Brothers, Inc. from bringing deer carcasses from the restricted area of Wisconsin into Minnesota" to "in favor of action which resulted in a temporary restraining order". A motion was made by Todd Searles, seconded by Mahesh Kumar and passed with all voting aye to approve the amended minutes of the October 18, 2002 Board of Animal Health Emergency meeting.

### **Sale of modified live vaccines without prescription**

Mr. Tom Pyfferoen, presented a resolution from the Minnesota State Cattlemen's Association requesting that the Board consider a rule change that would allow common

modified live cattle vaccines to be sold directly to farmers without a prescription from a veterinarian. He explained that these vaccines are in common use and livestock owners know how to store and administer them. Some producers are already doing this legally by purchasing the vaccines in other states. Keith Friendshuh gave a brief history of the Biologics Rule. He stated that this rule was adopted because Biological products used to control hog cholera were virulent. As Hog Cholera was being controlled, these modified live biological products caused more disease. In 1974, a group of veterinarians requested permission to sell modified live vaccines with a prescription. This was adopted in 1975. He also discussed what the laws are in surrounding states. Wisconsin has no restrictions. Iowa has restrictions similar to Minnesota, but has not enforced them. They are in the process of stepping up their enforcement efforts. North Dakota has no restrictions, but sales clerks need 4 hours of training by the state veterinarian. South Dakota has some restrictions but the state veterinarian can approve OTC sales. IBR and BVD are approved for OTC in South Dakota. Ben Pomeroy cautioned the Board to carefully consider this issue. He explained that there have been problems in the poultry industry because they are exempt from this rule. The Board asked that staff research this issue and report on their findings at the next quarterly Board meeting.

### **Anthrax rule change**

Keith Friendshuh reported that the Administrative Law Judge had disapproved the Anthrax Rule amendments because they were too vague. He stated that he met with the law judges last week and resolved the differences. He requested the Board adopt the amendments in the form presented. Mahesh Kumar suggested that the language in the rule should be changed from infected premises to contaminated premises. A motion was made by Mahesh Kumar, seconded by Todd Searles and passed with all voting aye to adopt the rule with the suggested language change.

### **Aquaculture**

In 2000, the Board approved the development of an Aquaculture Program if necessary funding was available. To date no funding has been available. The Minnesota Aquaculture Association has indicated an interest in this issue again. The association asked if the Board would still approve the development of an Aquaculture program. The Board reaffirmed its position and instructed staff to obtain a current estimate of the costs. Keith Friendshuh reported on an aquaculture certification class that was sponsored by the University of Minnesota Veterinary Outreach Program. Ten Minnesota veterinarians attended the class taught by Myron Kebus from the Wisconsin Department of Agriculture. The purpose of the class was to teach veterinarians to certify fish exported to Wisconsin.

### **Avian Influenza testing requirements for export to Mexico**

Dale Lauer reported that as a result of problems with the H5N2 strain of Avian Influenza in Mexico in the 1990's, extensive vaccination programs and import requirements have been implemented. The required export testing has been a financial burden to Minnesota's turkey industry. This year Mexico's testing requirement increased from 35 to 59 birds tested per flock. Mahesh Kumar requested that USDA:APHIS:VS continue discussions with Mexico in an effort to change their import requirements. Dawn

Burmeister assured the Board that she would contact the National Center for Import and Export and relay their concerns.

### **Avian Influenza**

Dale Lauer reported on the development of an Avian Influenza (Low Pathogenic Avian Influenza - LPAI H5 & H7) control plan that was discussed at the US Animal Health Association annual meeting in October. A resolution developed by the Committee on Transmissible Diseases of Poultry will be forwarded to USDA to provide direction in the development of the plan. Areas of agreement included the need for a LPAI H5 & H7 national control program with a deadline of February 1, 2003 for implementation. It was also agreed that the program developed would be voluntary and a cooperative effort between USDA and the states. The plan that will be drafted by USDA will probably involve a surveillance program, a live bird market system and the use of vaccination if needed. Discussions with the industry continue on the Cooperative Avian Influenza Control Plan in Minnesota. Suggestions include a formal AI control plan, engaging segments of the poultry industry not currently involved, and continuing active poultry diagnostics. In addition, the Live Bird Market System needs to be identified and surveyed.

### **Avian Pneumovirus**

Dale Lauer reported that the testing continues with 35-50% of the turkey flocks positive. The distribution of the APV modified-live vaccine has started with a permitting process that maintains the integrity of the surveillance program. The Morgan Area Project, a one-year project that started in September continues. Currently results are being distributed to all participants, grower survey information is being gathered weekly and GPS location information collected.

### **Johne's Disease Program Update**

Kris Petrini updated the Board on the Johne's Disease Program. Currently we have 581 herds enrolled in our program. This includes 9 demonstration herds, 70 status (test negative) herds (of which 33 herds have reached Level 3 or 4), and 502 management herds. State-funded Johne's testing may need to be discontinued in March or April 2003, unless federal funds become available. Both the United States House and Senate are supporting funding for a national Johne's disease program. Staff is anticipating increased funding from USDA this year. The risk assessment tool has been further refined to provide a more uniform report and to improve consistency of data collection. Dr. Jim Collins reported on the progress of Johne's disease PCR technology. Several gene sequences are being compared to determine which will be used for validation. Equipment has been obtained to partially automate PCR testing and increase efficiency. The Minnesota/Wisconsin test validation project is proceeding according to schedule, with results expected by Fall 2003. The project will validate the fecal PCR test as well as compare and contrast the results of 3 fecal culture methods, 3 ELISA tests, and the milk ELISA test. Kris Petrini also reported on several important national Johne's disease meetings that Board veterinarians actively participated in during the last several months.

## **Scrapie**

The Scrapie eradication program in Minnesota is growing at a rate faster than anticipated. Program rules are changing to accommodate industry and new disease research findings. While necessary, these frequent changes add a layer of complexity to the program making its administration particularly challenging. This past year Scrapie investigations has been conducted in 60 flocks in Minnesota. Nine infected and source flocks have been identified. Six flocks have been depopulated and three flocks are currently under quarantine. Of the 315 sheep that have been tested for Scrapie in the state, 23 have tested positive (7%).

## **2004/2005 Biennial Budget Request**

Bill Hartmann explained how the proposed budget cuts would impact the Board's disease control programs. The greatest impact would be experienced in our Johne's disease program. He estimates a 50% reduction in participation in the program. A reduction of two temporary employees and two permanent employees would be necessary. Fees for brucellosis and avian influenza export testing would be required. In an effort to decrease workload the Board will discontinue its anaplasmosis control program. He said he hopes to avert these cuts by supplementing the budget with funds from USDA. Federal dollars for Johne's disease, Scrapie and Chronic Wasting Disease (CWD) may be available.

## **2004 Legislative Issues**

Bill Hartmann discussed legislative issues of importance to the Board of Animal Health. He explained that staff is working with DNR to prepare a report for the legislature. This report will make recommendations on measures to protect domestic and wild Cervidae from Chronic Wasting Disease. The report will recommend that the Board administer mandatory registration and CWD surveillance of all captive Cervidae herds. To maintain the Board's ability to respond to a Foot and Mouth Disease outbreak two changes will need to be made to the Statutes. First, the expiration date (June 30, 2003) on our statutory authority must be deleted. Second, the Statutes have to be changed to clarify the Board's authority to temporarily restrict the movement of people, livestock, machinery, and other personal property. He explained that staff would propose repealing the statutes relative to testing for Anaplasmosis.

## **Chronic Wasting Disease**

Paul Anderson reported on the current status of two elk herds quarantined as a result of an elk that was found positive for Chronic Wasting Disease (CWD) on the Clayton Lueck farm near Aitkin. There are 22 elk under quarantine on the Jim Moscho farm near Sauk Centre in Stearns county. There are 33 elk under quarantine on the Duane Thene farm near Sauk Rapids in Benton county. The herds have been appraised and both owners are contesting the appraised value. They are planning to have their herds appraised by a person of their choice. The new appraisal will be submitted to USDA for consideration. Once the owners of the quarantined elk herds agree to an indemnity value for their animals, the elk will be euthanized and tested for CWD.

Paul Anderson also reported on preparation of a CWD report to be delivered to the legislature in January 2003. The report will be prepared and presented jointly by the Board of Animal Health, the Department of Natural Resources and the Department of Agriculture. The purpose of the report is to recommend changes in disease control programs for cervidae in Minnesota. Three main points will be stressed:

- (1) The Board should administer all programs for captive Cervidae.
- (2) Registration of all captive Cervidae should be mandatory.
- (3) Surveillance for CWD should be mandatory.

**Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Tuesday February 11, 2002, at the Board's office in St. Paul, Minnesota. A motion was made by Mahesh Kumar seconded by Todd Searles and passed with all voting aye to adjourn at 1:55 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **Minutes of the Board of Animal Health Meeting Held on Tuesday, February 11th, 2003**

A quarterly meeting of the Minnesota Board of Animal Health was held at 8:30 a.m. on February 11, 2002, at the Board's Office in St. Paul, Minnesota. The following people were present:

Board Members: Mahesh Kumar, Todd Searles, Darrell Zehrer, John Whitten  
Staff Members: William Hartmann, Executive Director  
Keith Friendshuh, Kristine Petrini, Dale Lauer, Assistant Directors  
Barbara Troyer, Business Manager  
Marie Marty, Office/Administrative Specialist  
Malissa Fritz, Communication Officer  
Dave Wiklund, Milan Tomaska, Information Technology Support  
Guests: Dawn Burmeister, AVIC, USDA:APHIS:VS  
Ben Pomeroy, Minnesota Veterinary Medical Association  
Tom Pyfferoen, Minnesota State Cattlemen's Association  
Jeff Klausner, Dean, College of Veterinary Medicine

### **Notice of Meeting in the State Register**

Todd Searles reported that the notice of this Meeting appeared in the January 13, 2002 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of December 13, 2002**

A motion was made by Mahesh Kumar, seconded by Todd Searles and passed with all voting aye to approve the minutes of the September 13, 2002 Board of Animal Health quarterly meeting.

### **Web-site**

Malissa Fritz, along with Milan Tomaska, demonstrated the new user-friendly design and features on the Board's website. She described the ease of access livestock producers, consumers, veterinarians, and animal owners will now find if they point their web-browser to [www.bah.state.mn.us](http://www.bah.state.mn.us). The website features all sorts of information on Minnesota animal health programs, diseases, rules and regulations and more. Visitors to the website also have the opportunity to search for the latest news, publications and information on the Board's disease control efforts in Minnesota.

### **Budget Update**

Barbara Troyer explained the request by the Department of Finance to prepare a plan for ten-percent and a twenty-percent reduction in funding for the 2004/2005 biennium. The impact of a ten-percent reduction would be the elimination of two positions, the closure of the Brucellosis Laboratory, a decrease in testing for Johne's, a decrease in surveillance for Avian Influenza and a decrease in surveillance for Avian Pneumovirus. The impact

of a twenty-percent reduction would be the elimination of seven positions, the closure of the Brucellosis Laboratory, discontinue paying for the laboratory cost of Johne's Disease testing, a decrease in the surveillance of Avian Influenza and eliminate surveillance for Avian Pneumovirus.

### **Legislative Issues**

Bill Hartmann discussed legislative issues of importance to the Board of Animal Health. During the last legislative session Chronic Wasting Disease (CWD) was discovered in free ranging White-Tailed Deer in Wisconsin. In response a law was passed that has import restriction for Cervidae entering Minnesota. The law also directs the Board of Animal Health and the Commissioner of Natural Resources, in consultation with Cervidae Advisory Committee and other interested parties, to jointly study and make recommendations on measures to protect domestic and wild Cervidae from CWD. The law further directed the Board and the commissioner to provide a report on their recommendations by January 15, 2003. This report has been delivered to the legislature. The report makes recommendations on measures to protect domestic and wild Cervidae from Chronic Wasting Disease. The report recommends that the Board administer mandatory registration and CWD surveillance of all captive Cervidae herds. Two other initial proposals for policy initiatives are being reviewed by the Governor's office for inclusion as a Governor's initiative. The first is deleting the expiration date on the Board's authority, under a Governor's declaration of emergency, to respond to a Foot and Mouth Disease outbreak. The second is to delete the statutes and rules on control of Anaplasmosis to discontinue the Board's regulatory involvement in this disease.

### **Sale of modified live vaccines without prescription**

Ben Pomeroy reported that the Government Affairs Committee of the MVMA discussed the sale of Modified Live Vaccines. The Committee does not support a change in the Board's rule. Mr. Tom Pyfferoen renewed the request from the Minnesota State Cattlemen's Association for a rule change that would allow certain Modified Live Vaccines to be sold directly to cattle owners. After some discussion it was decided that representatives from the Minnesota State Cattlemen's Association would meet with the Large Animal Issues Committee of the MVMA to discuss the issue.

### **Exotic New Castle Disease**

Dawn Burmeister reviewed the current status of Exotic Newcastle Disease (END) in the United States. END was confirmed on October 1, 2002, in California and has now spread beyond backyard flocks to affect eight commercial operations in California. On January 16, 2003, END was also confirmed in a backyard flock in Nevada. A backyard flock was confirmed with END on February 4, 2003, in Arizona. Clinical signs in infected birds include respiratory, nervous, and gastrointestinal signs. Mortality is up to 90% of exposed birds. Veterinary Services is working rapidly to expand staff on the Task Forces in Arizona, California, and Nevada and is exploring all options to send Animal and Plant Health Inspection Service (APHIS) personnel, other federal government personnel, and is working with the states to consider additional resources to meet the labor demands. APHIS is continuing to develop a plan for national END surveillance. This plan will enhance the already extensive surveillance underway. USDA has declared an extraordinary emergency for the States of Arizona, California, and Nevada. These

declarations allow USDA to apply federal authority within Arizona, California, and Nevada.

### **Avian Influenza**

Dale Lauer reported that Avian Influenza has been identified in three Minnesota turkey flocks since January 1, 2003. The flocks are located in Dodge, Waseca and Brown counties. Two flocks were identified with the H1N1 sub-type and one flock with the H1H3N1N2 subtypes, all sub-types identified as swine influenza. An exemption for H1N1 positive flocks is being sought by the turkey industry as part of the Russian Export agreement.

A National Avian Influenza Model Plan for commercial poultry and Live Bird Markets continues to move through the U.S. Animal Health Association approval process with industry input. Participating states must fulfill three criteria in order to guarantee federal assistance. A Minnesota containment and control plan for the commercial poultry industry that satisfies the three criteria is being developed.

### **Avian Pneumovirus**

Dale Lauer reported that the current program of prevalence testing and disease alerts continues. Due to budget constraints, the number of samples tested for Avian Pneumovirus has decreased from 10 to 4 samples per flock. Biomune vaccine (PNEUMOMUNE) permits have been issued to 43 growers to vaccinate 2 million turkeys.

### **Chronic Wasting Disease**

Kris Petrini reviewed the current chronic wasting disease (CWD) program in Minnesota and requirements for cervid importation. A brief discussion of the two positive CWD cases, one in Aitkin County and one in Stearns County were presented. Board veterinarians are in the process of investigating approximately 40 farms in Minnesota that received animals from the infected herd in Stearns County. Animals that were exposed to the positive animal will be purchased by the USDA and tested for CWD. A second farm in Stearns County where the infected animal resided temporarily has been identified for depopulation.

The Minnesota Board of Animal Health, the Minnesota Department of Natural Resources, and other interested parties prepared a joint legislative report, which was presented to the Minnesota Legislature earlier this month. This report recommends that all captive cervids register with the Board of Animal Health. This will increase the number of herds that the Board administers from 319 to over 770, once the herds currently registered with the DNR are added. In addition, the report recommends that CWD surveillance become mandatory for all captive cervids in Minnesota. Currently only 227 cervid herds are participating in the voluntary program administered by the Board.

### **Johne's Disease Program**

Kris Petrini gave an update on Minnesota's Johne's Disease Control Program. Currently there are 639 herds participating: 551 herds in the management component, and 88 in the

Status program (test negative component). The number of herds that are testing in the management program is increasing by about 20% per year. Of the original \$342,000 state appropriation for Johne's disease, \$68,000 remains for testing. This should cover testing expenses for February and March. Additional funding is expected in the next several months from the USDA that should allow the testing program to continue at its current level through the remainder of the fiscal year.

### **Scrapie**

Kris Petrini reported to date, 1640 Minnesota sheep flocks and 350 goat herds have registered with the Board and have received official Scrapie tags, or are using registered tattoos as official identification. Since January 2002, 70 Scrapie investigations have been completed and another 81 are ongoing. Over 300 sheep have been tested for Scrapie and over 500 have been genotyped to determine susceptibility to Scrapie infection. In calendar year 2002, 25 Scrapie-positive sheep were identified in Minnesota (7.3% of those tested) resulting in 10 Scrapie-infected flocks. Producers with infected flocks can choose between several options including total depopulation of the flock (with indemnity provided by the USDA), to the newly developed Genetic Flock Plan. This Plan, and the underlying science that it is based on, was briefly outlined. A pamphlet was distributed that describes the program in greater detail.

### **Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., Wednesday April 16, 2002, at the Board's office in St. Paul, Minnesota. A motion was made by Mahesh Kumar seconded by Jake Whitten and passed with all voting aye to adjourn at 11:00 a.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **Minutes of the Board of Animal Health Meeting Held on Tuesday, April 16th, 2003**

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on April 16, 2003, at the Board's Office in St. Paul, Minnesota. The following people were present:

Board Members: Sharon Baker, Mahesh Kumar, Todd Searles, John Whitten  
Staff Members: William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Kristine Petrini, Dale Lauer, Assistant Directors  
Marie Marty, Office/Administrative Specialist  
Malissa Fritz, Communication Officer  
Dave Wiklund, Information Technology Support  
Guests: Jeff Bender, University of Minnesota, College of Veterinary Medicine

### **Notice of Meeting in the State Register**

Sharon Baker reported that the notice of this Meeting appeared in the March 17, 2003 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of February 11, 2003**

A motion was made by Mahesh Kumar, seconded by Todd Searles and passed with all voting aye to approve the minutes of the February 11, 2003 Board of Animal Health quarterly meeting.

### **Reorganization of Divisions**

Bill Hartmann reported that the duties of the Assistant Director's have been changed in an effort to redistribute workload. Kris Petrini will direct programs for sheep, goats, dogs, cats and exotic animals. Paul Anderson will direct programs for pigs, deer, elk and horses. Keith Friendshuh will direct all cattle programs. Dale Lauer will direct all poultry programs.

### **Legislative Issues**

Bill Hartmann reported on a number of legislative issues. The House and Senate bills that would delete the statutes and associated rules for control of Anaplasmosis passed their respective Agriculture Policy committees and were recommended for inclusion in the omnibus Agriculture bills. The House version of the bill also contains language exempting cattle producers from the Board's rule relative to the purchase of modified live vaccines. This issue was discussed at some length and Todd Searles made a motion to oppose any change in the Board's rules regarding the sale of modified live vaccines. The motion was seconded by John Whitten and passed with all voting aye. The House and Senate bills that would extend the Board's emergency authority to respond to a disastrous animal disease outbreak passed the respective Agriculture Policy committee's and were recommended for inclusion in the omnibus Agriculture bills. The House and Senate bills that would provide for control of Chronic Wasting Disease have passed through seven committees and were recommended for inclusion in the omnibus finance bills. The

language that would merge the Board of Animal Health and the Department of Agriculture no longer is part of the House omnibus finance bill. The Senate has not presented its budget package.

### **Scrapie**

Kris Petrini reviewed activity in the Scrapie Eradication Program. Currently there are 49 investigations underway. Two flocks are under quarantine, and another 38 flocks have individual high-risk animals quarantined within their flocks. All traces from the Pipestone County Source Flock have been negative to date, with over half of the trace-out work on this flock having been completed. Altogether, 7 infected and 4 source flocks, with 26 scrapie-positive sheep, have been identified in Minnesota since January 2002. The benefit of having a rule in Minnesota that would require sheep going to market to be tagged was discussed. Dr. Petrini will draft a rule with input from the sheep industry and markets for further discussion at the next Board meeting.

### **Modified Live Vaccine**

Keith Friendshuh reported that representatives of the Minnesota State Cattleman's Association met with the members of the Large Animal Issues committee of the Minnesota Veterinary Medical Association (MVMA). The two groups were not able to come to consensus. The MVMA will send out a letter to livestock owners and veterinarians stating their position.

### **Cattle Import Rule Change**

After a short discussion, a motion was made by Todd Searles seconded by Mahesh Kumar with all voting aye, to pass the following Resolution Adopting Rules that will allow bison to be imported into Minnesota without a Tuberculosis test and calves to enter without a permit

“RESOLVED, that the rules relating to the Importation of Cattle in the form set out in Revisor Of Statutes draft, file number AR 3379, dated 1/14/03, identified as Minnesota Rules, parts 1700.0100 to 1700.1500, are approved and adopted, pursuant to authority vested in the Board of Animal Health by Minnesota Statutes, sections 35.03. Dr. William Hartmann, the Executive Director of the Board of Animal Health, is authorized to sign the Order Adopting Rules and further is authorized to modify the rules if necessary to obtain the approval of the rules by the Revisor Of Statutes or the Administrative Law Judge and to perform the necessary acts to provide that the rules shall have the force and effect of law.”

### **Board Policy on the Importation of Michigan Ruminants**

Keith Friendshuh reported that a family from Michigan, which is moving to Minnesota, requested permission to bring their dairy heifers with them. They sold all their adult cattle in Michigan without doing a whole herd tuberculin test within the last year. Therefore, the heifers do not meet our importation requirements. He briefly reviewed the current situation in Michigan with reference to bovine tuberculosis. The Board did not take action to change its policy on importation of ruminants from Michigan.

### **Johne's Disease**

Keith Friendshuh reported that over 70,000 head of cattle were tested for Johne's disease in Fiscal year 2002. Minnesota has 608 herds currently participating in our Johne's disease

language that would merge the Board of Animal Health and the Department of Agriculture no longer is part of the House omnibus finance bill. The Senate has not presented its budget package.

### **Scrapie**

Kris Petrini reviewed activity in the Scrapie Eradication Program. Currently there are 49 investigations underway. Two flocks are under quarantine, and another 38 flocks have individual high-risk animals quarantined within their flocks. All traces from the Pipestone County Source Flock have been negative to date, with over half of the trace-out work on this flock having been completed. Altogether, 7 infected and 4 source flocks, with 26 scrapie-positive sheep, have been identified in Minnesota since January 2002. The benefit of having a rule in Minnesota that would require sheep going to market to be tagged was discussed. Dr. Petrini will draft a rule with input from the sheep industry and markets for further discussion at the next Board meeting.

### **Modified Live Vaccine**

Keith Friendshuh reported that representatives of the Minnesota State Cattleman's Association met with the members of the Large Animal Issues committee of the Minnesota Veterinary Medical Association (MVMA). The two groups were not able to come to consensus. The MVMA will send out a letter to livestock owners and veterinarians stating their position.

### **Cattle Import Rule Change**

After a short discussion, a motion was made by Todd Searles seconded by Mahesh Kumar with all voting aye, to pass the following Resolution Adopting Rules that will allow bison to be imported into Minnesota without a Tuberculosis test and calves to enter without a permit

“RESOLVED, that the rules relating to the Importation of Cattle in the form set out in Revisor Of Statutes draft, file number AR 3379, dated 1/14/03, identified as Minnesota Rules, parts 1700.0100 to 1700.1500, are approved and adopted, pursuant to authority vested in the Board of Animal Health by Minnesota Statutes, sections 35.03. Dr. William Hartmann, the Executive Director of the Board of Animal Health, is authorized to sign the Order Adopting Rules and further is authorized to modify the rules if necessary to obtain the approval of the rules by the Revisor Of Statutes or the Administrative Law Judge and to perform the necessary acts to provide that the rules shall have the force and effect of law.”

### **Board Policy on the Importation of Michigan Ruminants**

Keith Friendshuh reported that a family from Michigan, which is moving to Minnesota, requested permission to bring their dairy heifers with them. They sold all their adult cattle in Michigan without doing a whole herd tuberculin test within the last year. Therefore, the heifers do not meet our importation requirements. He briefly reviewed the current situation in Michigan with reference to bovine tuberculosis. The Board did not take action to change its policy on importation of ruminants from Michigan.

### **Johne's Disease**

Keith Friendshuh reported that over 70,000 head of cattle were tested for Johne's disease in Fiscal year 2002. Minnesota has 608 herds currently participating in our Johne's disease

program. Staff was notified that \$705,134 would be available in the form of a cooperative agreement with USDA:APHIS:VS. This funding is to implement the National Voluntary Johne's Disease Control Program and promote producer participation. Federal funding requires a formal Johne's Disease Advisory Committee. The Board discussed the formation of that committee and its membership. Keith Friendshuh agreed to develop a membership list and send it to the Board members for their comments. Staff has drafted a proposed work plan and this plan will be discussed at the first meeting of the advisory committee. There was discussion on paying veterinarians for herd visits and to collect samples from cattle to encourage producer participation.

### **Anthrax**

Jeff Bender reported on his project to compile historical information on Anthrax cases in Minnesota. Using information from the Board of Animal Health archives and investigating local information he has been able to compile excellent data about Anthrax cases including location. There have been 251 outbreaks of Anthrax on 194 premises since 1912. In his analysis of the data he made several observations. Anthrax has been seen most commonly in cattle with the highest incidence in August. Mortality rates are most often under 10%. He is now working with the location information to do mapping. He will do overlays of vegetation, geography and waterways to study potential causes for the distribution of cases.

### **Exotic New Castle Disease**

Dale Lauer reviewed the current status of Exotic Newcastle Disease in the United States. Positive flocks in California, Nevada, Arizona and Texas have been identified. There have been no cases in Minnesota. The index case of Exotic Newcastle Disease was confirmed in California October 1, 2002. Current activities that were discussed are concentrated in four different areas: 1) Response plans 2) USDA Surveillance 3) Outreach and Education 4) Import Rules. No Board action was taken at this time.

### **Mycoplasma**

*Mycoplasma synoviae* has been diagnosed in egg-type chicken breeder flocks. There are four positive flocks on one premise supplying eggs to one hatchery. The flocks have been quarantined. The hatchery has chosen the option of participating in a Salvage Plan. Under this plan the quarantined flocks can continue to supply eggs to their hatchery under specific guidelines until the farm has been depopulated. A District Veterinarian has been involved in the quarantine and investigation. Contamination from a chicken layer complex is suspected.

### **Avian Pneumovirus**

The current program of prevalence testing and disease alerts continues. The number of samples tested for Avian Pneumovirus has been restored to 10 from 4 samples per flock. Biomune vaccine (PNEUMOMUNE) permits have been issued to 51 growers to vaccinate 3.7 million turkeys in 148 flocks.

### **West Nile Virus**

Paul Anderson reported that West Nile Virus (WNV) would remain on the Board of Animal Health reportable diseases list. The Board has already begun a public awareness campaign with news releases and a message distributed by the Minnesota Veterinary Medical Association to all

### **Pseudorabies**

Paul Anderson reported that the Pseudorabies (PRV) eradication program reached a milestone on April 10, 2003. Iowa advanced to Stage IV. This means that all states, except seven counties in Pennsylvania, are in Stage IV or V. To attain Stage IV status, states must have been free of Pseudorabies for at least 12 months. Stage V is granted after two years of free status. For Minnesota, this means that pigs imported from Iowa will no longer need to be tested, vaccinated, accompanied by an import permit, or be retested after entry. Minnesota will be eligible to apply for Stage V in October 2003.

### **Election of Officers to the Board of Animal Health**

The Executive Director took over direction of the meeting for election of officers to the Board of Animal Health for the next year. He opened nominations for president. John Whitten nominated Mahesh Kumar and Todd Searles. No other nominations were offered. Members of the Board voted on paper ballots. Todd Searles received three votes and Mahesh Kumar received one vote. Therefore, Todd Searles is the President of the Board of Animal Health for the next year. Nominations for Vice President were then opened. Todd Searles nominated John Whitten. No other nominations were offered. A vote was taken and all voted aye for John Whitten to be Vice President of the Board of Animal Health for the next year.

### **Appointment of the Executive Director**

The Board members met in closed session with assistant director, Kristine Petrini to discuss appointment of the Executive Director for the coming year. Board members discussed Dr. William Hartmann's job performance over the past twelve months and all agreed he has done an excellent job in the face of multiple challenges. The motion was made by Todd Searles, and seconded by John Whitten, to rehire Dr. Hartmann based on the state's salary recommendations. Mahesh Kumar suggested an amendment to the motion to assure that Dr. Hartmann's salary would not be frozen. A motion was made by Todd Searles, and seconded by John Whitten, to amend the initial motion recommending that Dr. William L. Hartmann be appointed as Executive Director for the State Fiscal Year: July 1, 2003-Jun 30, 2004 and that he receive an increase in salary at the maximum rate provided under the State's Managerial Plan as allowed by the State during the next 12 months. The motion was unanimously approved as amended.

### **Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., September 17, 2003 in Rochester, Minnesota. A motion was made by Mahesh Kumar seconded by John Whitten and passed with all voting aye to adjourn at 2:00 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## **Minutes of the Board of Animal Health Meeting Held on Wednesday, September 10th, 2003**

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on September 10, 2003, at the Best Western Apache in Rochester, Minnesota. The following people were present:

Board Members: John Whitten, Mahesh Kumar, Darrell Zehrer  
Staff Members: William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Kristine Petrini, Assistant Directors  
Barbara Troyer, Business Manager  
Dale Neirby, Emergency Response Coordinator  
Jeff Smith, District Veterinarian  
Guests: James Collins, Director, Minnesota Veterinary Diagnostic Laboratory  
Mike Stine, AVIC, USDA:APHIS:VS  
Todd Searles, Tesk-Holm Holsteins

### **Notice of Meeting in the State Register**

John Whitten reported that the notice of this Meeting appeared in the August 16, 2003 issue of the State Register.

### **Approval of the Minutes of the Quarterly Board Meeting of April 16, 2003**

A motion was made by Mahesh Kumar, seconded by Darrell Zehrer and passed with all voting aye to approve the minutes of the April 16, 2003 Board of Animal Health quarterly meeting.

### **Modified Live Vaccine**

Bill Hartmann updated the Board on developments relating to the Board's rules covering the sale and distribution of modified live vaccines. He stated that he testified in opposition to a bill in conference committee that would have exempted beef cattle producers from those rules. The bill did not pass. Since then he has received letters relating to these rules from Dale Lueck, Minnesota State Cattleman's Association, Representative Tom Rukavina and Richard Peifer, Stearns Veterinary Outlet Store. Copies of those letters were mailed to the Board members prior to the meeting. He stated that he expects a bill to be introduced in the next legislative session that will propose to eliminate the Board's involvement in the sale and distribution of modified live vaccines. He asked the Board if there has been any change in their position since the last Board meeting. The Board instructed him to provide them with more information at the next Board meeting for further discussion.

### **USDA:APHIS:VS**

Mike Stine, Area Veterinary In Charge, was introduced to Board members. Mike has held various positions with USDA:APHIS:VS for the past 12 years. He discussed several cooperative agreements with the Minnesota Board of Animal Health and employment positions that have been filled or will be filled in the near future. He is excited to be in Minnesota and looks forward to the challenges the future holds. There was some discussion pertaining to Doug Jensen, Area Epidemiologist and what he can do for the poultry industry. A meeting will be

scheduled in the future with leaders from the poultry industry, the Board, and Veterinary Services to develop a work plan.

### **University of Minnesota, Veterinary Diagnostic Laboratory**

Jim Collins, Director updated the Board on Veterinary Diagnostic Laboratory (VDL) changes. The VDL is in the process of procuring a chemical digester to dispose of animal carcasses. Disposal waste capacity will be 7,000 pounds in 4-6 hours. The VDL's application to become a biosafety level 3 (BL3) laboratory has been accepted. The VDL will be one of a few BL3's in the United States.

### **Board of Animal Health 100 Year Celebration**

Barbara Troyer updated the Board on the 100 Year Celebration that will be held at Tesk-Holm Holsteins on September 17, 2003. The event will celebrate the accomplishments of the Minnesota Board of Animal Health over the past 100 years. The program will showcase the many positive changes that have occurred in animal health over the past ten decades.

### **Scrapie**

Kris Petrini reviewed activity in the Scrapie Eradication Program in Minnesota. Since January 2002 there have been 139 investigations completed. Nine infected and 4 source flocks have been identified to date containing a total of 29 Scrapie positive animals. All positive sheep in Minnesota have been of the QQ genotype. Nationwide there have been 3 QRAV positive animals identified. Three new federal employees, a veterinarian and two animal health technicians, have been hired to conduct Scrapie field activities in Minnesota. One additional field veterinarian will be hired to complete the field force. Dr. Petrini will be directing Scrapie program activities and serve as the state's designated Scrapie epidemiologist. She distributed a draft of Rules governing Scrapie for discussion. These rules are being written in order to facilitate implementation and assure compliance with the recently published Scrapie Eradication Uniform Methods and Rules. Dr. Petrini also requested authorization to change Minnesota Rules 1700.1800-1700.2000 Importation of Goats, Rules 1700.4600-1700.4800 Importation of Sheep, and Rules 1715.005-1715.0150 Entrance Requirements for Livestock and Poultry Originating in Minnesota in order to further assist Scrapie eradication efforts in Minnesota. A motion was made by Mahesh Kumar, Seconded by Darrell Zehrer and passed with all voting aye to approve the three authorizing resolutions. (See attached)

### **Dangerous Animal Possession Bill**

Dr. Petrini gave an update on proposed legislation, which would restrict possession and ownership of certain dangerous animals in Minnesota. This bill (SF 1530, HF 1593), in its current form, would restrict the possession of large exotic cats, primates, and bears to circuses, accredited sanctuaries, licensed research and medical institutions, certain DNR licensed game farms and wildlife rehabilitators, and accredited zoos. It was drafted by Nancy Minion and Kirsten Olsen, members of the Minnesota Animal Control Association, and Animal Humane Society together with input from other organizations (including the Board of Animal Health). The intent of the bill is to prevent many of the problems that arise when these exotic animals are kept as "pets." Common problems include injury to humans, inadequate (often unsafe) housing, substandard animal care, and zoonotic disease transmission. The bill includes a provision

allowing individuals currently owning these species to be "grandfathered in," as long as that person comes into compliance with USDA regulations relating to facilities and animal care standards. These individuals, however, could not breed the animals or acquire new prohibited species. The Board has provided a letter of support for this bill to Nancy Minion who is pursuing passage of this bill during the upcoming legislative session.

### **Chronic Wasting Disease in Cervidae**

Paul Anderson updated the Board on Chronic Wasting Disease in Minnesota. The first Minnesota case of Chronic Wasting Disease (CWD) was identified on August 30, 2002. The disease was found in a five-year-old bull elk on a farm near Aitkin. The animal had been ill for several months and died with symptoms typical of CWD.

An investigation was initiated by the Board of Animal Health to locate, euthanize and test all other cervidae that might have been exposed to the disease. The process took more than 12 months to complete and involved 51 Minnesota elk herds and 28 herds in other states. Exposed animals were traced to Colorado, Indiana, Iowa, Montana, North Dakota, Oklahoma, South Dakota and Wisconsin. The investigation was completed on September 15, 2003.

During the investigation, two more CWD infected elk were identified. One was found on January 15, 2003. It was a three-year-old elk cow from a farm near Sauk Centre, Minnesota. This animal was euthanized and was not ill at the time of its death. The other was found in March 2003. This animal was a seven-year-old elk cow on a farm near Valders, Wisconsin. The animal had been ill for a short time before it died.

The source of the infection was not determined, but the three CWD infected elk did have a connection. All three were housed on the Sauk Centre, Minnesota, farm during the summer of 2000. Clinical histories for the elk strongly suggest that exposure may have occurred during this period of time. The timing from exposure to development of clinical symptoms in all three of the animals is consistent with a normal incubation period for CWD in elk between 16 to 34 months.

By the time the investigation was completed, 332 elk had been euthanized and tested in Minnesota and 77 elk were euthanized or quarantined in other states. Producers were compensated for their animals through an indemnity program administered by the Veterinary Services division of the United States Department of Agriculture.

The 2003 Minnesota Legislature passed new laws for CWD eradication in captive cervidae. These laws (effective January 1, 2004) require all cervidae producers in Minnesota to participate in a CWD surveillance and eradication program.

These new laws apply to all animals that are members of the family "Cervidae" which includes, but is not limited to white-tailed deer, mule deer, red deer, elk, moose, caribou, reindeer, and muntjac.

Effective January 1, 2004: (1) regulation of all Minnesota captive cervidae will be under the Board of Animal Health, (2) registration of all cervidae will be mandatory, and (3) surveillance for Chronic Wasting Disease will be mandatory.

Specific requirements for fences, animal identification, inspection fees, and reporting of animal movements are included in the new laws.

Board of Animal Health personnel have begun the process of visiting and inspecting all premises in Minnesota that have captive cervidae. The purpose of the visits is to inspect each facility and educate producers so they thoroughly understand the requirements of the new cervidae laws. The goal is to visit approximately 850 premises before Christmas 2003.

### **Emergency Preparedness**

Dale Neurby, Emergency Management Coordinator, updated the Board on Emergency Preparedness activities. On August 20, 2003, the Board of Animal Health participated in a multi-state Foot and Mouth Disease tabletop exercise with Iowa, South Dakota, and Wisconsin. It was held in Albert Lea and approximately 100 people attended. Most of the people were from Minnesota and represented state agency and industry groups. The goal was to address interstate and regional issues in response to an animal health emergency.

As part of the State Homeland Security Assessment and Strategy Program, Minnesota is completing an Agricultural Risk Assessment. The Agricultural Risk Assessment is a new way to identify threats, vulnerabilities and response capabilities to emergencies. The assessment will assist us in identifying shortfalls and focusing our needs for planning, organization, equipment, training and exercises. Information is being gathered from emergency managers, agriculture specialists, animal health personnel and industry groups around Minnesota.

### **Johne's Disease**

Keith Friendshuh updated the Board on Minnesota's Voluntary Johne's Disease Control Program (MVJDCP). Currently, there are 561 herds that have completed Risk Assessments as part of MVJDCP. The program has 104 negative status herds, with 36 participating at the highest levels (Status Level 3 or 4). Federal funding has allowed the Board to cover additional testing and collection costs. The Board projects this additional money will greatly increase the number of herds enrolled in the program.

### **Exotic Newcastle Disease**

Keith Friendshuh updated the Board on Exotic Newcastle Disease (END). Quarantines resulting from END in California have been reduced by 84 percent. California's last commercial flock was detected in December 2002, with the last case found in May 2003. More than 2,000 premises were depopulated and over three million birds were destroyed in California alone.

All the quarantines in Nevada, Texas, and Arizona were released in August 2003. The USDA is developing a national END Surveillance Program.

### **Avian Pneumovirus Disease**

Keith Friendshuh updated the Board on the status of Avian Pneumovirus Disease. The disease continues to be a problem for the Minnesota turkey industry. Sixty-three percent of Minnesota turkey flocks marketed in July tested positive. Avian Pneumovirus continues to spread to different areas of Minnesota. In June 1999 the disease was diagnosed in 13 counties; in 2001 the

disease was diagnosed in nine counties; and in 2003 the disease was diagnosed in 23 counties. Approximately 8.6 million turkeys in 345 flocks have been vaccinated.

### **Proposed Poultry Rule Change**

Keith Friendshuh updated the Board on the proposed poultry rule change. The purpose of the proposed amendments is to:

1. Change the test requirements for the Minnesota Salmonella typhimurium program in turkey breeder flocks.
2. Update test procedures and programs to follow the provisions of the National Poultry Improvement Plan (NPIP). The NPIP meets every two years and votes on changes with industry input. A current copy of the NPIP provisions will be kept at the Board and will be available to the public. Specific examples of changes where Board rules have not been current include: Ratites recently added to the NPIP as Subpart F. A new program that is anticipated to be discussed and approved is an Avian Influenza Monitored State Status for commercial poultry.
3. Require authorized testing agents to attend a testing course update every six years to continue their authorization with the Board.
4. Delete fumigation as a method of sanitizing eggs and egg products.

Mahesh Kumar explained that there is currently some confusion as to the definition of a Samonella typhimurium "positive" flock. The vagueness has left the turkey industry and Board to develop their own interpretations of how a positive flock is defined. For example, based on over 30 years of testing at the Minnesota Poultry Testing Laboratory, testing 500 rectal swabs is as diagnostically sound as testing 500 rectal swabs and 500 blood samples. The latter is what is currently in use. To clearly define the rule, if Salmonella typhimurium is found on one sample, the flock is suspect and 500 more swabs are necessary. If it is found on one or more in the second set of swabs, the flock is considered positive.

Keith Friendshuh asked the Board to adopt an authorizing resolution to the proposed poultry rule change. A motion was made by Mahesh Kumar, seconded by Darrell Zehrer and passed with all voting aye to approve this authorizing resolution. (See attached)

### **Date and Place of Next Board Meeting**

The Board will hold their next quarterly meeting at 9:30 a.m., December 10, 2003 in Chaska, Minnesota. A motion was made by Mahesh Kumar, seconded by Darrell Zehrer and passed with all voting aye to adjourn at 2:00 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

Minnesota Board of Animal Health

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Amendment to Rules Governing Entrance Requirements for Livestock and  
Poultry Originating in Minnesota, Minnesota Rules, 1715.0005 - 1715.0150**

I, John P. Whitten DVM, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 10<sup>th</sup> day of September, 2003, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

"RESOLVED, that Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board's Intent To Adopt Rules Without A Public Hearing governing entrance requirements for livestock and poultry originating in Minnesota to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board's representative at the hearing and to perform any and all acts incidental thereto."

IN WITNESS WHEREOF, I have hereunto subscribed my name.

Sept. 10, 2003  
September 10, 2003

John P. Whitten DVM Acting President  
, President  
Board Of Animal Health

Attest by one other Board Member

M. Kumar  
Signature of Attesting Board Member

MAHESH C KUMAR  
Printed Name of Attesting Board Member

Minnesota Board of Animal Health

CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION

Proposed Amendment to Rules Governing Importation of Goats, Minnesota Rules,  
1700.1800 - 1700.2000

I, John P. Whitten DVM, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 10<sup>th</sup> day of September, 2003, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

"RESOLVED, that Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board's Intent To Adopt Rules Without A Public Hearing governing importation of goats to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board's representative at the hearing and to perform any and all acts incidental thereto."

IN WITNESS WHEREOF, I have hereunto subscribed my name.

Sep. 10, 2003  
September 10, 2003

John P. Whitten DVM acting President  
President  
Board Of Animal Health

Attest by one other Board Member

MCKumar  
Signature of Attesting Board Member

MAHESH C KUMAR  
Printed Name of Attesting Board Member

Minnesota Board of Animal Health

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Amendment to Rules Governing Importation of Sheep, Minnesota Rules,  
1700.4600 - 1700.4800**

I, John P Whitten DVM, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 10<sup>th</sup> day of September, 2003, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

"RESOLVED, that Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board's Intent To Adopt Rules Without A Public Hearing governing importation of sheep to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto."

"FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board's representative at the hearing and to perform any and all acts incidental thereto."

IN WITNESS WHEREOF, I have hereunto subscribed my name.

Sep. 10, 2003  
September 10, 2003

John P Whitten DVM acting President  
Board Of Animal Health, President

Attest by one other Board Member

MCKumar  
Signature of Attesting Board Member

MAHESH C KUMAR  
Printed Name of Attesting Board Member

Minnesota Board of Animal Health

CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION

Proposed Amendment to Rules Governing Diseases of Poultry, Minnesota Rules, 1710.1300  
- 1710.1530

I, John Whitten, do hereby certify that I am a member and the <sup>Vice</sup> President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 10<sup>th</sup> day of September, 2003, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

“RESOLVED, that Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules Without A Public Hearing governing diseases of poultry to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

Sept 10, 2003  
September 10, 2003

John Whitten DM Vice President  
John Whitten, <sup>Vice</sup> President  
Board Of Animal Health

Attest by one other Board Member

M. Kumar  
Signature of Attesting Board Member

MAHESH C KUMAR  
Printed Name of Attesting Board Member



# Minnesota Board of Animal Health

Safeguarding domestic animal health in Minnesota

90 West Plato Boulevard St. Paul, MN 55107 (651)296-2942 TTY/TTD (800)627-3529

## Board Minutes

### ***Minutes of the Board of Animal Health Meeting held Wednesday, December 10, 2003***

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on December 10, 2003, at the Days Inn in Bloomington, Minnesota. The following people were present:

Board Members: John Whitten, Mahesh Kumar, Darrell Zehrer, Steve Brake, Paul FitzSimmons  
Staff Members: William Hartmann, Executive Director  
Paul Anderson, Dale Lauer, Kristine Petrini, Assistant Directors  
Barbara Troyer, Business Manager  
Malissa Fritz, Communications Specialist  
Karina Burger, Emergency Planning Veterinarian  
Marié Marty, Administrative Assistant  
Guests: James Collins, Director, Minnesota Veterinary Diagnostic Laboratory  
Tom Hagerty, Minnesota Veterinary Medical Association  
Scott Masters, Minnesota Department of Finance  
Dave Mills, Jennie-O Turkey Store  
Ron Lippert, Willmar Poultry

### ***Notice of Meeting in the State Register***

John Whitten reported that the notice of this Meeting appeared in the September 10, 2003 issue of the State Register.

### ***Approval of the Minutes of the Quarterly Board Meeting of April 16, 2003***

A motion was made by Mahesh Kumar, seconded by Steve Brake and passed with all voting aye to approve the minutes of the September 10, 2003, Board of Animal Health quarterly meeting.

### ***Introduction to the Board ... Bill Hartmann***

Bill Hartmann provided the new Board members with an overview of the Board of Animal Health. The Board's office is currently located in the Agriculture building at 90 West Plato Blvd. in St. Paul. In the fall of 2005, the Board of Animal Health, the Department of Agriculture and the Department of Health will be moving into the new Orville L. Freman Building in the Capital complex. The Board currently has 28 permanent and 4 temporary employees. There are five divisions, four supervised by Assistant Directors and one by a Business Manager. District veterinarians work out of their homes and carry out field activities in their designated counties. Five are employed by the federal government and six are state employees. The mission of the Board of Animal Health is to protect the health of domestic animals in Minnesota. We are also part of the team that protects the public health. The Board is affiliated with two laboratories, the Minnesota Veterinary Diagnostic Laboratory (MVDL) and the Minnesota Poultry Testing Laboratory (MPTL). The MVDL is the official diagnostic laboratory for the Board. It is part of the University of Minnesota, College of Veterinary Medicine and is located on the St. Paul Campus. The MPTL building is located in Willmar and owned by the University of Minnesota. Funds to operate the MPTL are appropriated to the Board. All technicians are employees of the University of Minnesota. The Director and his assistant are Board employees. The laboratory does testing for the National Poultry Improvement Program.

The Board's budget was reduced by 15 percent for this biennium. Because of statutory changes that transfer the responsibility for all captive deer and elk herds to the Board, \$800,000 was added to the budget to cover the costs of this mandatory program. In addition, inspection fees will be collected from deer and elk farmers. The Board also received nearly a million dollars in federal cooperative agreement money. Recently the Board signed a Memorandum of Understanding with the Minnesota Department of Agriculture. This MOU covers the Minnesota Certified Program, Communications, Emergency Planning and Meat Inspection.

### ***Modified Live Vaccine ... Bill Hartmann***

Bill Hartmann provided an update on the Board's rules relative to the sale and distribution of biological products. Board of Animal Health rules require that biological products that contain an active virus or infective agent of any communicable disease of domestic animals be sold only to veterinarians or to animal owners who have a written prescription from a veterinarian. The rule covers the sale and distribution of biologics for all species, only poultry are exempted.

At their 2002 annual meeting the Minnesota State Cattleman's Association (MSCA) passed a resolution that requested the Board to change this rule to allow cattlemen to buy modified live vaccines (MLV) directly from distributors. The Board discussed this issue at length in its last four meetings. The Minnesota Veterinary Medical Association (MVMA) has to date opposed any change to these rules. In the last legislative session language was added to a bill that was introduced in the Senate that would exempt beef cattle producers from this rule. At the April meeting the Board passed a motion opposing this language. Bill Hartmann testified in the Agriculture Policy conference committee on the Board's position concerning this language. The language was deleted from the bill. Thirty four states do not regulate the sale of modified live vaccines. Thirteen states have regulations similar to Minnesota. Two states did not respond to our inquiry. The Center for Veterinary Biologics, a division of USDA, licenses veterinary biologics and the establishments that produce them. From May 15 to November 15, the Center for Veterinary Biologics received 16 reports of adverse events from Minnesota. Nine of them involved Modified live vaccines. Nine involved small animals, seven involved horses and none involved livestock.

Tom Hagerty reported that the MVMA government affairs committee met to discuss this issue and others for the upcoming session. The committee voted to maintain the current rule. He stated that veterinarians working in large animal clinics don't really want to sell vaccine, but want to know what is happening on the farm. He further stated that for reasons of food safety and biosecurity, it's important for the veterinary community to know what's out there and being used.

Steve Brake said that the concerns he has heard expressed about deregulating the sale of MLV really involve the storage and administration not the sale. Veterinarians aren't vaccinating his cattle his family is storing the vaccine and administering it. So, it really doesn't matter who he buys it from.

Paul FitzSimmons said there is a price difference. The producer must pay a higher price from veterinarians than from distributors. This may be one reason some vaccines are not being used more. He said his employees administer the vaccines to his pigs. The Pork Quality Assurance Program is really helping people understand how to store and administer vaccines. He said that people travel around selling vaccines to producers, but they can't take advantage of the price break.

The question of why poultry are exempt from this rule was discussed. Dave Mills said that veterinarians didn't do a lot of poultry work when the rule was originated. Paul FitzSimmons asked if there has ever been misuse in the poultry industry. Mahesh Kumar said there has been responsible use and corrections are made if needed. The most common methods of vaccinating poultry flocks is via spray or water administration.

Bill Hartmann passed out draft language for a rule change that would allow the sale of modified live vaccines but, not adversely affect the Board's disease control programs. Tom Hagerty asked what would happen with something like the foot-and-mouth disease vaccine. All biologics would have to go through the USDA

approval process and be approved for use in Minnesota by the state veterinarian.

Steve Brake made a motion to authorize the Executive Director to proceed with the rule changes to allow for the sale of modified live vaccine without a prescription. The motion was seconded by Paul FitzSimmons.

Mahesh Kumar asked if the motion could be delayed to see if the livestock industry and the MVMA could come to some agreement. Bill Hartmann said that if the process is delayed any longer it is likely that a bill will be introduced in the legislature prior to Board action. Steve Brake said that the cattlemen would like to find a way to resolve this without legislation. He said the cattlemen made a decision at their annual meeting to proceed with legislation, but this may slow that process. Paul FitzSimmons said it would be helpful for the MVMA to take this vote to its committees for discussion.

John Whitten said he's concerned that producers that don't have enough information will make selections of vaccines that they aren't educated to make. Steve Brake said in North Dakota there are classes that you have to take in order to be able to purchase the vaccine. Bill Hartmann clarified that the training is for the people who sell the vaccines.

Paul FitzSimmons said he would like to have time to discuss this issue with the Minnesota Pork Producers.

Bill Hartmann and Tom Hagerty agreed the rule making process would provide an opportunity for more input from affected individuals than would the legislative process.

Darrell Zehrer asked about the possible consequences of misuse of modified live vaccines. Steve Brake said this vaccine issue is not a food safety issue. Kris Petrini said that the Center for Veterinary Biologics plays the role of making sure the vaccine is targeted to certain animals.

The motion passed unanimously.

### ***Poultry Rule Change ... Ron Lippert***

The Minnesota Turkey Industry and the Board have a long history of working together. The Salmonella typhimurium (ST) rule change that was adopted by the Board in 1971 is a good example of this relationship. In May 2003, a group of turkey producers met to discuss the ST program. They came to an agreement that testing 500 blood samples should not be included in the program. Willmar Poultry Company and Jennie-O Turkey Store representatives, along with Mahesh Kumar and Dale Lauer, all attended this meeting and were in support of removing this portion of the rule. The collection of 500 blood samples causes more stress on the birds, costs more, all with little benefit. The current official Control Program for Salmonella typhimurium is voluntary and consists of an official qualifying test for turkey breeder flocks. The program consists of 500 blood samples and 500 rectal swabs collected from 12 to 20 week old breeder flocks participating in the program. All the tested birds are penned up, tagged and kept separate until the results are back. Those tags have to be removed before processing. The proposed rule change would eliminate the blood test requirement for breeder flocks because it has not identified positive Salmonella flocks if used as the only diagnostic test, is costly to flockowners and hatcheries and does not appear to be superior to the 500 swab test, alone. The amended rule change would require 500 rectal swabs only.

At the September meeting the Board passed an authorizing resolution to change this rule. This rule change will affect numerous types of poultry producers. Dale Lauer has given several presentations of the program and the proposed changes.

Ron Lippert asked if we can drop the 500 blood sample testing immediately. Any poult or hatching eggs coming into the state have to meet the current Salmonella typhimurium test requirements. Dale Lauer talked to the Attorney General's office to see if we could speed up the process. Karen Olson from the Attorney General's office pointed out two statutes one was a good cause exemption and the other was on expediting the process.

John Whitten asked if all the poultry groups that are going to be affected by this poultry rule have been contacted. Dale said he has reached all the large groups, but is still looking to reach out to the smaller groups.

Mahesh Kumar moved that the poultry rule be expedited. The motion was seconded by Paul FitzSimmons.

The motion was passed unanimously.

### ***Pseudorabies Stage 5 ... Paul Anderson***

Minnesota has been granted Pseudorabies Stage V status. Four states have not achieved this status (Iowa, Texas, Pennsylvania, Florida). These states could reach Stage V status by April, 2004. This is a great accomplishment for Minnesota's pork producers. The Board may want to attend the Minnesota Pork Producers convention/annual meeting to recognize the outstanding part these producers played in eradicating this disease.

More than 2,400 premises were quarantined during the eradication program. The highest number of premises under quarantine at one time was 903. Almost \$4.5 million was spent on reimbursement to veterinarians for testing and over \$4 million reimbursed to producers for vaccine. Almost \$20 million was paid to producers for indemnity.

In the case of an outbreak in Midwestern swine, we will need to react swiftly and decisively to the emergency.

### ***Cervid Program Update ... Paul Anderson***

The Board has identified 806 cervid herds in the state. The Board's goal was to get a staff member to each of these farms to explain what the law is and how it is going to effect cervidae producers. So far, approximately 582 farms have been visited. Anderson says he thinks the Board will be very close to meeting its goal. We want to locate all the herds and have animals that die or are slaughtered tested for Chronic Wasting Disease. Fifty percent of the producers are already in compliance with the law. Another 25 percent are working to get into compliance. The remaining 25 percent can't come into compliance or may not have the desire to. It is yet to be determined what will be done with those producers that don't comply with the rules. Each cervid herd is required to pay \$10 for each animal up to \$100 for each herd. It has been estimated that this will generate \$61,000 each year.

### ***University of Minnesota Veterinary Diagnostic Laboratory Update ... Jim Collins***

New technology, facilities, and abilities are being added to the laboratory to make it one of the best in the country. Livestock producers in Minnesota deserve much credit for the Laboratory's success because they have provided approximately \$3 of user fee revenue for every dollar of state funding.

The 2003 Minnesota legislature appropriated \$1.5 million for laboratory renovations including expansion of Johne's disease, mastitis, chronic wasting disease and molecular diagnostic testing laboratories. Construction will begin February 1, 2004 with completion by November 1, 2004. Also, a new "chemical cremation system" for infectious waste disposal is being installed to safely dispose of animal waste and to better prepare for possible foreign animal disease outbreaks or agroterrorism. The system will safely dispose of 14,000 pound of animal waste each day. Animal remains and biological agents including bacteria, viruses, parasites and prions are rendered harmless by the process called alkaline hydrolysis.

Every 5 years the Veterinary Diagnostic Laboratory (VDL) is inspected by the American Association of Veterinary Laboratory Diagnosticians. The most recent accreditation site visit occurred in July, 2003. We are pleased to report that the VDL received full accreditation for testing all animal species. A major quality assurance initiative is now underway to prepare for the next accreditation site visit in 2007. The laboratory is implementing new quality assurance standards to ensure compliance with new, more rigorous ISO17025 standards required for recognition of laboratory test results by our international trading partners.

Jim Collins extended an invitation to host an upcoming Board meeting at the Veterinary Diagnostic Laboratory.

### ***Emergency Planning ... Kris Petrini***

Kris Petrini updated the Board on recent emergency planning and preparedness activities. In November 2003, at Bill Hartmann's request, the United States Department of Agriculture (USDA) completed a comprehensive assessment of Minnesota's animal disease emergency preparedness. The overall impression is that Minnesota has made much progress recently in emergency planning and the effort is well-staffed and motivated, but that past efforts have been focused more on tasks and less on outcomes. Highlights of past accomplishments include preparation of a foot and mouth disease (FMD) response plan for Minnesota, development of partnerships with various state agencies, including the Minnesota Department of Agriculture, the Minnesota Pollution Control Agency, and Minnesota Division of Homeland Security and Emergency Management, to assist with emergency response activities, and presentation of the FMD response plan to numerous stakeholders throughout Minnesota. In addition, in 2001, legislation was passed that gives the Board the authority to impose temporary restrictions on movement of people, livestock, machinery, and other personal property in the event that the governor declares an emergency involving animal disease.

In September 2003, the Board received \$221,907 from the USDA for an Emergency Management Cooperative Agreement. These monies are to be used to further prepare for animal health emergencies in the state and to enhance surveillance for bovine spongiform encephalopathy and other foreign animal diseases. In October 2003, Karina Burger was hired to assist Dale Neirby with emergency planning activities and Kris Petrini was asked to direct the program. Since the USDA assessment identified the need to focus emergency planning efforts on outcomes as part of a comprehensive animal health emergency management system, the Board's newly formed emergency management team, assisted by USDA, completed an animal emergency strategic plan. The overall goal of the plan is to maximize the use of available resources in Minnesota to minimize the effects of an animal disease or disaster. Ten objectives were identified and numerous tasks were detailed and prioritized as a result of this exercise and will serve as a blueprint for emergency planning over the next 12 months. One of the key objectives is to clearly define the roles, responsibilities, and authorities of all agencies and stakeholders that would be involved in an animal emergency response and to coordinate those activities. Details for the strategic plan and progress on the objectives will be discussed at the next Board meeting.

### ***Mycoplasma Synoviae ... Dale Lauer***

Recent *Mycoplasma synoviae* breaks in turkey flocks were discussed with the Board. *Mycoplasma* is a reportable disease in Minnesota. The specific programs include *Mycoplasma gallisepticum* (MG) in turkeys and chickens, *Mycoplasma synoviae* (MS) in turkeys and chickens and *Mycoplasma meleagridis* (MM) in turkeys only. MG and MS are required programs for turkey & chicken breeder flocks

MS is an acute to chronic infectious disease of chickens and turkeys. The typical clinical signs include lameness - joint swellings, and respiratory air sac problems. The National Poultry Improvement Plan (NPIP) for turkey and chicken breeder flocks has been very effective in eliminating the transmission of MS from the hatchery to commercial meat flocks. MS is most significant in turkeys and broilers. Dale Lauer showed the Board member pictures identifying what *Mycoplasma* disease looks like in poultry flocks.

The turkey breeder flocks that were diagnosed with MS this fall consisted of 16,000 breeder hen candidates, 2,000 breeder tom candidates. None of these birds had clinical signs, but had positive serology at three different laboratories. The flocks were quarantined and marketed. It was very unusual that these birds did not show any clinical symptoms of MS. The investigation conducted by district veterinarians was unable to determine the source.

In addition, MS was diagnosed in commercial turkey flocks in Meeker, Steele and Goodhue counties. The Meeker County flock was located near a large chicken layer complex. There were severe problems at processing. It appears that this flock had both MS and MG. In Steele County there were six flocks. There has only been a slight mortality problem. There was no connection with the positive breeder flocks. Goodhue County had one flock that had some positives. All premises were or are in the process of being depopulated. The source and introduction of MS is elusive. Dale Lauer said we should revisit the serologic testing procedures, laboratory confirmation and backup for MS. In order to prevent cases in the future, biosecurity

needs to be tightened.

***Election of Officers***

The floor was open to nominations for president. John Whitten and Mahesh Kumar were both nominated. Nominations ceased and Whitten removed his name from the ballot. Steve Brake moved unanimous ballot for Mahesh Kumar. John Whitten seconded the motion. The motion passed.

Dr. John Whitten will continue to serve as Vice President until April, 2004.

***Date and Location of Next Board Meeting***

The Board will hold their next quarterly meeting at 9:30 a.m., February 25, 2004. A motion was made by John Whitten, seconded by Steve Brake and passed with all voting aye to adjourn at 2:00 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## *Minutes of the Board of Animal Health Meeting held Wednesday, February 25, 2004*

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on February 25, 2004 at the Best Western Kelly Inn, St Paul, Minnesota. The following people were present:

Board Members: John Whitten, Mahesh Kumar, Darrell Zehrer, Steve Brake, Paul FitzSimmons

Staff Members: William Hartmann, Executive Director  
Paul Anderson, Dale Lauer, Kristine Petrini, Assistant Directors  
Barbara Troyer, Business Manager  
Malissa Fritz, Communications Specialist  
Karina Burger, Emergency Planning Veterinarian  
Marie Marty, Administrative Assistant  
Dave Wiklund, IT Specialist

Guests: James Collins, Director, Minnesota Veterinary Diagnostic Laboratory  
Tom Hagerty, Minnesota Veterinary Medical Association  
Mike Stine, Doug Jensen, USDA:APHIS:VS  
Senator Steve Dille  
Senator Dallas Sams  
Representative Howard Swenson  
Representative Elaine Harder

### *Notice of Meeting in the State Register*

Mahesh Kumar reported that the notice of this Meeting appeared in the February 2<sup>nd</sup>, 2004 issue of the State Register.

### *Approval of the Minutes of the Quarterly Board Meeting of December 10, 2003*

A motion was made by Steve Brake, seconded by Jake Whitten and passed with all voting aye to approve the minutes, as amended, of the December 10, 2003 Board of Animal Health quarterly meeting.

### *Avian Influenza*

Dale Lauer presented an update on Avian Influenza. Staff has been closely following developments in Southeast Asia and the eastern United States, where avian influenza (AI) has been identified in poultry flocks. In Southeast Asia the highly pathogenic (HPAI) strain has resulted in the depopulation of over 80 million chickens. AI experts say the strains (types) present in the U.S. are not a human health threat and are completely different than the AI strain currently circulating among poultry and humans in Southeast Asia. On Monday, February 23, 2004, the U.S. Department of Agriculture announced that a flock in Texas tested positive for HPAI. The flock has been destroyed and linked to the Live Bird Markets in Texas. Authorities are working to locate the source of the disease and determine if it has spread. In 2003 over 80,000 birds have been tested for Avian Influenza in Minnesota in our surveillance for the disease. Dale Lauer requested authorization from the Board to proceed with amending the Board's rules governing livestock exhibitions and markets to address bio-security and disease control at live bird markets. The Board members discussed this issue and Steve Brake made a motion, seconded by Jake Whitten, with all voting aye to pass the attached authorizing resolution.

### *Bovine Spongiform Encephalopathy (BSE)*

Bill Hartmann reported on the 6 year old cow from Mabton, Washington that tested positive for BSE on December 23, 2004. Health certificates and DNA evidence indicate that it was born in Canada. The investigation then focused on the birth herd cohorts, the offspring, the meat and rendered material from the positive cow. The investigation is now complete and USDA and Washington state officials identified 255 animals of interest on 10 premises in Washington, Oregon and Idaho. All cattle have been depopulated and all tested negative for BSE. Overall the International subcommittee that reviewed USDA's investigation applauded the thoroughness of the investigation. They concluded that even though the cow was probably exposed to the disease in Canada, the United States should not consider this an imported case. Because of the integration of the feed and cattle industries in North America they consider BSE to have occurred in North America. The United States has five firewalls in place to protect human and animal health: Import controls; Surveillance; Animal Feed Ban; Protecting the human food supply; and Response planning. The surveillance testing for BSE is targeted to cattle with nervous system disorders and non-ambulatory cattle. In the last year 20,526 cattle were tested in the United States, 2,057 were from Minnesota. The Board's staff has been working with the Minnesota Department of Agriculture, USDA and FDA to develop a response plan if a case of BSE were found in Minnesota. Agriculture Secretary Ann Veneman announced that a national animal identification plan would be a high priority for USDA.

### *Chronic Wasting Disease (CWD)*

Paul Anderson reported on the new laws (MS 17.451-17.452) for farmed cervidae that became effective January 1, 2004. These new laws place all regulatory authority for farmed cervidae under the Board of Animal Health. As part of the plan to implement these laws, Board of Animal Health staff members have inspected the farms of 890 Minnesota cervidae producers. There are an additional 51 farms that are scheduled for inspection in the next 30 days. Of the farms inspected, 759 are still in the farmed cervidae business. There are 508 cervidae producers who have met all the requirements for registration. With a few exceptions, the other producers are working diligently toward meeting the new requirements. Inspection fees totaling \$42,115 have been collected from 577 producers. Brain samples from 2,527 farmed cervidae were tested for CWD during 2003. There are currently 376 producers who have attained herd status in the national CWD surveillance program. The plan for 2004 is to revisit all cervidae operations and help producers correct any remaining deficiencies.

### *USDA Update*

Mike Stine reported that the USDA budget has been approved; however he has not been notified of his budget allocation. His office has been extremely busy with international exports since other countries have been changing their regulations recently. He told the Board members that he appreciates the excellent working relationship between the Board of Animal Health and his office.

### *MN Veterinary Diagnostic Lab Update*

Jim Collins, director, reported that funds from the 2003 state legislature bonding bill are being put to good use by renovating the Veterinary Diagnostic Laboratory (VDL). The renovation will include space to accommodate expanded molecular diagnostic testing for Johne's disease, chronic wasting disease, mastitis, PRRS virus and avian pneumovirus. The University of Minnesota is expediting the renovation project and has moved the estimated completion date to September 1, 2004. He thanked the Board members and legislators for supporting the project. On February 12, the University of Minnesota's Board of Regents approved funding for a \$2.1 million chemical digester waste handling facility that will be located at the VDL. The system will safely dispose of infectious animal waste by using alkaline hydrolysis to inactivate

infectious agents including prions, the causative agent of scrapie, bovine spongiform encephalopathy, and chronic wasting disease. The University plans to complete the digester installation by September 1, 2004. The VDL received USDA approval to offer the new *Mycobacterium paratuberculosis* polymerase chain reaction (PCR) test recently developed at the VDL. The PCR test takes 48 hours to complete compared to 4 months for fecal culture. A fact sheet describing the new PCR test was distributed. He requested that the Board consider designating by statute that the VDL is the official laboratory for the Board of Animal Health.

### *Emergency Planning*

Kris Petrini reported that staff has conducted numerous training exercises to prepare for a Foot and Mouth Disease outbreak. Relationships have been developed with numerous agencies and organizations in order to clarify roles, responsibilities, and authorities necessary to mount a coordinated response to an animal disease emergency within Minnesota. With the help of the USDA:APHIS:Veterinary Services the Board has completed an assessment of our emergency preparedness for responding to an animal disease emergency and a strategic plan has been developed to identify priorities and guide further emergency planning activities. Over 200 veterinarians, veterinary technicians, and students have signed up for the Minnesota Veterinary Reserve Corps. This group will be trained and available to assist during an emergency animal disease event.

### *Dangerous Animal Legislation*

Kris Petrini reported on two versions of a bill that would restrict the private ownership of exotic cats, bears, and primates. The original bill (SF 1530/ HF1593) that was introduced prohibits the private ownership of these animals, whereas the bill that has been introduced by some of the exotic animal owners (SF2001/HF2079) as an alternative, regulates the ownership of these species by requiring the facility to obtain a permit from the Board of Animal Health. The enforcing body in SF1530/ HF1593 is the local law enforcement/animal control agency, however, SF2001/HF2079 (originally SF2238) lists the Board as the enforcing agency. In order to successfully administer this program the Board estimates it would cost approximately \$400,000 and has submitted a fiscal note for SF2001/HF2079 reflecting this expense. SF1530/ HF1593 has no associated fiscal note for the Board. The Board will be following the progress of these bills as they make their way through the various committees.

### *Johne's disease*

Bill Hartman reported on the Board's Johne's Disease Control Program. With the projected funding for next fiscal year the total contributions from USDA are \$1,642,000 and from state general fund \$1,642,000. So the state and federal contributions to this program are essentially equal. Currently 1058 herds are participating in the program, 128 of those in the test negative component. Minnesota leads the country in the number of herds enrolled in a Johne's disease program. Recently we have renewed our efforts to increase participation by paying for veterinary collection fees for herds testing for the first time and herds in the test negative program. Since August we have had 302 new herds test for Johne's disease

### *Sale of Modified Live Vaccine*

Bill Hartmann reported on progress with the Biologics rule change. At our last meeting the Board signed an authorizing resolution providing staff with the authority to amend the rules. On January 5, 2004 a request for comments was published in the state register. It was also sent out to affected parties. The 60 day comment period will end on March 5, 2004. After March 5, 2004 a Notice of Intent to Adopt Rules will be published and distributed.

### *National Animal Identification*

Dave Wiklund reported on implementation of a national animal identification and tracking system in Minnesota. He told the Board about two bills that were being introduced nationally, one by Representative Peterson, and the other by Senator Coleman. He explained that national livestock industry groups, along with state and federal government officials have organized a steering committee that over the last two years has developed a plan to implement animal identification and tracking in the United States called the United States Animal Identification Plan. He asked the Board to sign an authorizing resolution to allow staff to amend the Board's rules concerning animal identification for intrastate movement. The Board members discussed this issue and Paul FitzSimmons made a motion, seconded by Steve Brake, with all voting aye to pass the attached authorizing resolution.

*Date and Location of Next Board Meeting*

The Board will hold their next quarterly meeting at 9:30 a.m., April 21, 2004 at the Board of Animal Health's office, St Paul, MN. A motion was made by Paul Fitzsimmons, seconded by Jake Whitten and passed with all voting aye to adjourn at 12:30 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Rules Governing Premises and Animal Identification, Minnesota Rules, 1720.1050-  
1070.**

I, Dr. Mahesh Kumar, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 25th day of February, 2004, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.

“RESOLVED, that Dr. Bill Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules using Alternate Notices of whether a hearing will be held governing premises and animal identification to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. Bill Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. Bill Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”


IN WITNESS WHEREOF, I have hereunto subscribed my name.

\_\_\_\_\_  
02/25/2004

Attest by one other Board Member

  
\_\_\_\_\_  
Signature of Attesting Board Member

JOHN P. WHITTEN DVM  
Printed Name of Attesting Board Member

  
\_\_\_\_\_  
Dr Mahesh Kumar, President  
Board Of Animal Health

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed New Rules Governing Live Bird Markets, Livestock Exhibitions and Markets,  
Minnesota Rules, 1715.0005 – 1715.1480**

I, Mahesh Kumar, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 25th day of February, 2004, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.


“RESOLVED, that Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules Without A Public Hearing governing Live Bird Markets to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

\_\_\_\_\_  
February 25, 2004

  
\_\_\_\_\_  
Mahesh Kumar, President  
Board Of Animal Health

Attest by one other Board Member

  
\_\_\_\_\_  
Signature of Attesting Board Member

JOHN P. WHITTEN DVM  
\_\_\_\_\_  
Printed Name of Attesting Board Member

## *Minutes of the Board of Animal Health Meeting held Wednesday, April 21, 2004*

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on April 21, 2004 at the Board of Animal Health's office, St Paul, Minnesota. The following people were present:

Board Members: John Whitten, Mahesh Kumar, Steve Brake, Paul FitzSimmons  
Staff Members: William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Dale Lauer, Kristine Petrini, Assistant Directors  
Barbara Troyer, Business Manager  
Malissa Fritz, Communications Specialist  
Marie Marty, Administrative Assistant  
Dave Wiklund, IT Specialist  
Guests: James Collins, Director, Minnesota Veterinary Diagnostic Laboratory

### *Notice of Meeting in the State Register*

Mahesh Kumar reported that the notice of this Meeting appeared in the March 22<sup>nd</sup>, 2004 issue of the State Register.

### *Approval of the Minutes of the Quarterly Board Meeting of February 25, 2004*

A motion was made by Steve Brake, seconded by Jake Whitten and passed with all voting aye to approve the minutes of the February 25, 2004 Board of Animal Health quarterly meeting.

### *Board of Animal Health/Veterinary Diagnostic Laboratory Relationship*

Jim Collins, Director of the University of Minnesota Veterinary Diagnostic Laboratory (VDL) discussed the importance of the relationship between the VDL and the Board of Animal Health. He reviewed the history of the VDL organization. The Board of Animal Health established and operated the VDL in 1904. In 1912, the VDL became part of the University of Minnesota, Agricultural Experiment Station. The VDL is now part of the College of Veterinary Medicine in the Academic Health Center at the University of Minnesota. He mentioned that the VDL has an excellent staff and facilities; a strongly supportive University administration; and an excellent working relationship with Minnesota Department of Agriculture, USDA, the Board, DNR, Minnesota Department of Health and other affiliates. However, he believes that the relationship between the Board and the VDL should be strengthened to ensure the State's animal health laboratory needs are met. To further strengthen the relationship with the Board, he suggested that the Director of the lab should be required to attend and report at all Board meetings and should serve as a non-voting Board member. In addition, the VDL should by statute be designated as the official animal disease diagnostic laboratory for the State of Minnesota. He stated that Jeffery Klausner, Dean of the College of Veterinary Medicine, is supportive of this recommendation. He also suggested that the Board of Animal Health should determine if the State Veterinarian (Executive Director of the Board) has the necessary authority to ensure the VDL provides the necessary laboratory support in the event of a Foreign Animal Disease or an emerging disease threat. A motion was made by Steve Brake, seconded by Jake Whitten with all voting aye, to have the Executive Director pursue changing the statutes so that the VDL is the official animal disease diagnostic laboratory for the State of Minnesota.

### *Import Testing for Bovine Tuberculosis*

Keith Friendshuh reported that there is concern nationally that tuberculosis has not been totally eliminated from dairy herds in the United States, with four states (CA, NM, TX, and MI) now having infected herds. Some states (ND, SD, KS, NV, and UT) have implemented import testing requirements for dairy cattle. USDA is considering options to improve surveillance in an effort to complete eradication of this disease. He asked the Board members if they wanted the same type of restriction on dairy cattle entering Minnesota. The Board members felt they needed input from the dairy industry before making any decisions.

### *Johne's disease: Program Update*

Keith Friendshuh reported on Minnesota's Johne's disease program. Minnesota is the only state with over 1,000 herds enrolled in a control program. 548 new herds have enrolled in the program since July 2003. Total enrollment to date is 1,212 herds, with 173 test negative herds. Due to this increase participation in the program we will have to make changes to stay within budget during the next year. He recommends an initial screening test of 4 environmental samples on the farm with a PCR test. A risk assessment and herd plan will be done on any herds with positive results. Herds with negative results will then test 30 cows with the ELISA test to enter the test negative component of the program.

### *Modified Live Vaccine Rule Change Update*

Keith Friendshuh reported that the period to request a public hearing ended on April 14<sup>th</sup>. Twelve requests for a public hearing were received. Since there were not enough requests for a public hearing the rule making process will proceed without one. He estimates the amended rule will become effective early this summer. Steve Brake made a motion to adopt the rule and Paul FitzSimmons seconded the motion, the motion passed with 3 voting aye and one abstention. The complete motion is attached.

### *Bovine Spongiform Encephalopathy Surveillance*

Bill Hartmann reported on BSE surveillance activity in the U.S. Prior to BSE being discovered in the United States the goal of surveillance was to detect the disease at a prevalence of 1 case in a million with 95% confidence. 20,526 samples were tested nationwide in federal fiscal year 2003. Minnesota contributed 2,057 of those samples. USDA has developed an outline for an intensive national BSE surveillance plan. The one-time effort will give a snapshot of the cattle population in the US and help to define whether BSE is actually present in the population and if so, at what level. The goal of this plan is to test as many cattle in the targeted high-risk population as possible in a 12-18 month period. This plan also includes the incorporation of random sampling of clinically normal aged animals at slaughter in addition to the defined targeted surveillance goal. Targets for Minnesota are 9,647 samples from the targeted population and 740 from random sampling of clinically normal aged cattle at slaughter. Minnesota's work plan to meet these targets has been submitted and is being reviewed by USDA. The plan includes a proposed contract with Southwest Processing in Rock Dell, Minnesota. They would work with rendering companies to deliver dead stock from farms to their facility. They would submit samples to the laboratory and hold the carcasses in cold storage until test results are completed. The rendering companies would then pick up carcasses of cattle that have tested negative and render them. Steve Brake expressed concern that cattle producers know about this plan before it is implemented. He stated that the consequences of finding a positive for the individual producer are enormous. He said that staff needs to put together educational material to get the word out to farmers and send the information to producer groups.

### *Emergency Planning Update*

Kris Petrini reported on recent activities to prepare for animal disease emergencies in Minnesota. Homeland Security Presidential Directive 9 sets a national policy for defending food

and agriculture against terrorist attacks, major disasters and other emergencies. This paves the way for money to be directed to state agencies to include agriculture in emergency planning activities in the future. Dr. Petrini will submit a request to Homeland Security-Emergency Management for FY05 funding to support planning efforts for animal disease emergencies. Membership in Minnesota's Veterinary Reserve Corps has grown to over 300 veterinarians, veterinary technicians, and students. The first training opportunity for some of the Corps will be in May and June when they will assist with animal care and decontamination as part of a radiological drill conducted by the Prairie Island Nuclear Power Plant. This exercise will involve a variety of state and federal agencies. All Board staff have completed introductory training for the Incident Command System, an organizational structure that would be used to coordinate the response during a large-scale animal emergency. Field staff practiced playing various roles during a pseudorabies drill held earlier in the week. Current projects include rewriting Minnesota's Foot and Mouth Disease Response Plan to include all highly contagious diseases, assisting the poultry industry with a low-path avian influenza response plan, developing a Crisis Communication Plan, and implementing a system to quickly notify veterinarians in the event of an animal disease emergency.

### *Dangerous Animal Legislation Update*

Kris Petrini reported that the bills regarding the ownership of certain dangerous animals in Minnesota have been condensed down to SF1530 and its companion bill HF1593. These bills have passed through all required committees and are scheduled to be heard in the Senate and House next month. The enforcing body in both bills is local animal control authority, with the Board acting only as a repository for the registration information. Both versions of the bill would prohibit new individuals from procuring bears, primates and exotic cats in the future but allows those already possessing these species to keep them under certain conditions, including registration. There are a number of differences between the two versions. One of the most significant differences is that the House version allows anyone who is registered to possess bears, primates, and exotic cats to also breed and sell them; the Senate version restricts this activity to USDA licensed and compliant facilities.

### *Scrapie Program Update*

A second USDA field veterinarian has been hired to perform Scrapie work in Minnesota, bringing the total of Scrapie staff to five (two field veterinarians, two animal health technicians, and one agricultural specialist). Coordination of all Scrapie activity is through the Board with Dr. Petrini acting as Minnesota's Designated Scrapie Epidemiologist. Currently there are 2350 sheep and goat premises registered and officially identified in Minnesota. Twenty-five flocks are enrolled in the Scrapie Flock Certification Program. Since the beginning of the Scrapie Eradication Program in January 2002, 172 Scrapie investigations have been completed with another 49 currently in progress. During the course of these investigations, 2566 sheep have been genotyped to determine genetic susceptibility to Scrapie and another 968 have been euthanized and tested for Scrapie. A total of 40 sheep in 19 different flocks have been positive for Scrapie to date.

### *National Animal Identification and Tracking*

Paul Anderson reported that a national program to identify and track livestock throughout the United States will be implemented beginning this summer. The plan, called the USAIP, will be implemented in three phases. Phase I is to be operational by July, 2004. During this phase, we will assign nationally recognized and approved premises identification numbers to all premises in Minnesota that contain livestock. Numbers will be obtained from a national premise allocator system. The new premise number will be a seven digit alphanumeric string and will be different than our current premise identification numbers. Data from Minnesota will then be uploaded to a national data repository. Phase II will be fully operational in July, 2005. Individual animal identification numbers will be distributed to producers and placed in specific

species of animals. Integration of Radio Frequency Identification Devices (RFID) and readers will be done during this phase. RFID will be required for interstate movement of animals. Cattle and swine will be the first species enrolled in the program. Phase III will be fully operational in July, 2006. State laws must be in place to require RFID for intrastate movement of animals. Full implementation of a system for electronic animal tracking will be in place at this time. The Board of Animal Health is well positioned to collect, distribute and manage information systems for implementing the USAIP. The Board currently uses a database called the Generic Data Base (GDB). It was developed by USDA-APHIS, is used in 38 states, and is fully compatible with current national information systems. It contains 52,226 Minnesota premises, 29,763 with cattle, 27,337 with swine, 2,008 with sheep, 958 with farmed cervidae, 753 turkey operations, and 523 premises with goats. Data privacy issues will need to be discussed and addressed both in Minnesota and nationally. There is a desire from some producers to have USAIP records kept private. There is also a real need during the implementation of disease control programs to distribute producer and disease status information to involved parties. Currently, all records collected by the Board of Animal Health are public information. Before action is taken to address this issue, the Board and others will need to carefully consider all aspects and ramifications of proposed changes in state laws.

### *Avian Pnuemovirus Program Update*

Dale Lauer reported Avian Pnuemovirus (APV) continues to be a problem for the Minnesota turkey industry. Fifty four percent of Minnesota turkey flocks marketed and tested through the processing plant surveillance program in 2003 were positive, which was up from forty three percent in 2002. 2004 figures are close to sixty percent positive. Staff continues to direct the permitting and distribution process of the USDA licensed modified-live Avian Pnuemovirus Vaccine. Minnesota recently received notice from USDA/APHIS that a proposal submitted last August was approved, with approximately \$500,000 targeted for APV. The proposal includes two components: the first is to expand a coordinated vaccination field project with the goal of eradicating APV from a geographic region using a coordinated vaccination strategy; the second is to use GIS in understanding and eradicating APV.

### *Poultry Rule Change Update*

Dale Lauer reported that comments have been received for the proposed amendments to the Poultry Rule. The majority of comments involved the Salmonella typhimurium test requirements for turkey breeder flocks. The most recent comment would allow turkey primary breeder companies to participate using a self designed testing program that meets or exceeds the rectal swab program as determined by the Board. The Live Bird Market rule is still in the information gathering stage. The purpose of a rule would be to define, identify and track movement of poultry within the live bird market system.

### *Avian Influenza Program Update*

Dale Lauer reported that the Avian Influenza situation has been closely followed by staff after developments in Southeast Asia, the USA and Canada, where avian influenza (AI) has been identified in poultry flocks. Work continues on the development of a National H5/H7 Low Pathogenic Avian Influenza (LPAI) Control Plan. When complete the Minnesota plan will consist of three different components: 1) Active surveillance program to include commercial turkeys, broilers, layers, 2) Passive diagnostic commercial bird surveillance and 3) Initial State Response Plan to H5/H7 LPAI. At the request of the Minnesota poultry industry, an educational campaign for poultry "Biosecurity for the birds" was developed in order to educate different segments of the poultry industry about biosecurity. A general brochure has been developed, with targeted inserts developed for specific audiences.

### *Election of Officers to the Board of Animal Health*

The Executive Director took over direction of the meeting for election of officers to the Board for the next year. He opened nominations for president. Steve Brake nominated Mahesh Kumar. No other nominations were offered. Steve Brake made a motion for Mahesh Kumar to be president of the Board for the next year, Paul FitzSimmons seconded the motion with all voting aye. Nominations for Vice President were then opened. Mahesh Kumar nominated John Whitten. No other nominations were offered. Mahesh Kumar made a motion for Jake Whitten to be Vice President of the Board of Animal Health for the next year, Steve Brake seconded with all voting aye.

### *Appointment of the Executive Director*

The Board members met in closed session with business manager, Barb Troyer to discuss appointment of the Executive Director for the coming year. A motion was made by John Whitten to rehire Bill Hartmann based on the state's salary recommendations. The motion was seconded by Steve Brake with all voting aye. A motion was made by Steve Brake to approve an achievement award to the executive director. The motion was seconded by Paul FitzSimmons and passed with all voting aye.

### *Date and Location of Next Board Meeting*

The Board will hold their next quarterly meeting at 9:30 a.m., April 21, 2004 at the Country Inn and Suites in Mankato, MN. A motion was made by Jake Whitten, seconded by Paul Fitzsimmons and passed with all voting aye to adjourn at 12:30 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed New Rules Governing Live Bird Markets, Livestock Exhibitions and Markets,  
Minnesota Rules, 1715.0005 – 1715.1480**

I, Mahesh Kumar, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 25th day of February, 2004, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.


“RESOLVED, that Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules Without A Public Hearing governing Live Bird Markets to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

\_\_\_\_\_  
February 25, 2004

  
\_\_\_\_\_  
Mahesh Kumar, President  
Board Of Animal Health

Attest by one other Board Member

  
\_\_\_\_\_  
Signature of Attesting Board Member

JOHN P. WHITTEN DVM  
\_\_\_\_\_  
Printed Name of Attesting Board Member

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Rules Governing Premises and Animal Identification, Minnesota Rules, 1720.1050-1070.**

I, Dr. Mahesh Kumar, do hereby certify that I am a member and the President of the Board Of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board Of Animal Health, duly and properly called and held on the 25th day of February, 2004, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.


“RESOLVED, that Dr. Bill Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’s Intent To Adopt Rules using Alternate Notices of whether a hearing will be held governing premises and animal identification to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. Bill Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, Dr. Bill Hartmann, the Executive Director of the Board Of Animal Health, is hereby granted the authority and directed to act as the Board’s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

\_\_\_\_\_  
02/25/2004

  
\_\_\_\_\_  
Dr Mahesh Kumar, President  
Board Of Animal Health

Attest by one other Board Member

  
\_\_\_\_\_  
Signature of Attesting Board Member

JOHN P. WHITTEN DVM  
\_\_\_\_\_  
Printed Name of Attesting Board Member

## *Minutes of the Board of Animal Health Meeting held Wednesday, September 8, 2004*

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on September 8, 2004 at the Country Inn & Suites, Mankato, Minnesota. The following people were present:

**Board Members:** John Whitten, Mahesh Kumar, Steve Brake, Paul FitzSimmons, Holly Neaton

**Staff Members:** William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Dale Lauer, Kristine Petrini, Assistant Directors  
Marie Marty, Administrative Assistant  
Dave Wiklund, IT Specialist

**Guests:** Sagar Goyal, Minnesota Veterinary Diagnostic Laboratory  
Pete Rothfork, Independent Turkey Grower  
Kim Brinton, Poultry Veterinary Center  
Ron Lippert, Willmar Poultry Company  
Rich Klaphake, Independent Turkey Grower  
Frank Maleska, Independent Turkey Grower  
Steve Olson, Minnesota Turkey Growers Association  
Mike Stine and Sheryl Shaw, USDA APHIS VS Representatives

### *Notice of Meeting in the State Register*

Mahesh Kumar reported that the notice of this Meeting appeared in the August 9<sup>th</sup>, 2004 issue of the State Register.

### *Approval of the Minutes of the Quarterly Board Meeting on April 21, 2004*

A motion was made by Steve Brake, seconded by John Whitten and passed with all voting aye to approve the minutes of the April 21, 2004 Board of Animal Health quarterly meeting.

### *Approval of the Minutes of the Emergency Board Meeting on August 5, 2004*

A motion was made by Paul FitzSimmons, seconded by Steve Brake and passed with all voting aye to approve the minutes of the August 5, 2004 Board of Animal Health emergency meeting.

### *Approval of the Agenda*

Kris Petrini suggested that the Board might want to add a Scrapie update to the agenda. A motion was made by John Whitten, seconded by Steve Brake and passed with all voting aye to approve the amended agenda for today's meeting.

found infected in this same area. Because of concerns with spread of tuberculosis to Minnesota the Board took action to change the import requirements for ruminants from Michigan. Michigan has made significant progress over the last 8 years in controlling tuberculosis. Recently USDA granted Michigan split state status with most of the state being classified Modified Accredited Advanced. Discussion followed on whether import requirements for this portion of Michigan should be the same as other Modified Accredited Advanced states. The concern is whether there are adequate movement controls in place out of the infected zone. The Board decided to invite a representative from the Michigan Department of Agriculture to the next Board meeting to provide additional information so that a decision could be made. A motion was made by Steve Brake, and seconded by Holly Neaton with all voting aye on the decision to table the topic until the December Board meeting.

### *Anthrax Update*

Keith Friendshuh reported that there have been no new cases of anthrax in Minnesota since 2001. In 2002 the Board approved the rule change to allow producers to vaccinate their own animals against the disease. Staff also distributed a brochure to producers through veterinarians making them more aware of the disease.

### *Johne's Disease Update*

Keith Friendshuh reported that there are 1,266 cattle herds in the Johne's disease program, 231 in the test negative program. Approximately 500 herds are not enrolled in the program and are paying for their own testing. The owners of those herds have been notified of the benefits of the Board's program and invited to join. With the level of participation growing so rapidly we have had to decrease producer incentives for testing. We are training interested veterinarians to complete risk assessments to reduce the workload for our field veterinarians.

### *Poultry Rule*

Dale Lauer reported on the proposed changes to the poultry rules. The purpose of the rule change is to:

- Make our rules consistent with NPIP requirements
- Change the requirements for *Salmonella typhimurium* testing
- Provide for continuing education for testing agents

During the comment period 9 comments supporting this change were received. The Governor's office has given approval for the change. Paul FitzSimmons moved a resolution adopting the rule change, it was seconded by Steve Brake and passed with all voting aye.

### *Avian Pneumovirus Eradication Project*

Dale Lauer reported that USDA is providing \$560,000 to Minnesota for an Avian Pneumovirus project. The cooperative agreement is being drafted and will be submitted to USDA by October 1, 2004. The objective of this project is to develop strategies that will be used to eradicate avian pneumovirus.

The project has three components:

- A vaccine evaluation study
- Field project design and analysis
- Field vaccination project

The Board of Animal Health, the University of Minnesota, and the Minnesota Turkey Growers Association are collaborating on this project.

### *Avian Pneumovirus compliance*

Dale Lauer briefed the Board members on a practice that is occurring in some portions of the turkey industry that may hinder the ultimate goal of eradicating avian pneumovirus. That practice is purposefully exposing young turkeys to the field strain of the virus in endemic areas to produce immunity. The turkey growers in attendance testified that the approved vaccine is not providing adequate protection and that is why they are using this procedure to protect their flocks. By rule the Board may prohibit this activity if it threatens the health of poultry in Minnesota. After discussion John Whitten made a motion and Paul FitzSimmons seconded the motion to ask the Avian Pneumovirus task force to discuss this issue and make recommendations at the next Board meeting.

Following is the complete motion:

The issue of the use of a live non-attenuated, non-licensed avian pneumovirus product should be referred to the Avian Pneumovirus Task Force of the Minnesota Turkey Growers Association (MTGA) for their discussion and recommendation. The task force recommendation is to be presented at the next Board meeting in December.

Paul FitzSimmons seconded with all voting aye to approve the motion. Mahesh Kumar also noted that independent data needs to be collected from flocks currently using this practice in order to verify producer comments. He suggested that as part of the USDA APV cooperative agreement data could be collected and analyzed as part of the project. These flocks would be identified as control flocks.

### *NPIP Update*

Dale Lauer reported that the National surveillance program for Low Path H5/H7 Avian Influenza was approved at the NPIP Conference, July 2004. This program will allow participation by the commercial poultry industries (turkeys, broilers, layers). In Minnesota, program participants have been notified and a Response Plan is being developed. The Board will have to address the additional samples that will need to be tested in order to comply with program requirements. USDA funding may be available to offset these costs.

### *Bio-security Education Campaign*

Dale Lauer reported that the Bio-security Education Campaign using END Cooperative Agreement funds has begun. The theme is bio-security with inserts on Avian Influenza, Exotic Newcastle Disease and other poultry management topics. The documents have been translated into three languages (Spanish, Vietnamese, and Hmong). Nearly 18,000 documents have been distributed to the public since July, 2004.

### *Farmed Cervidae Compliance*

Paul Anderson reported on the status of the Board's Cervid programs. Cervidae producers have to register with the Board and test for Chronic Wasting Disease (CWD). This law took effect January 1, 2004. There are 779 Cervidae premises in Minnesota. Of those 779 premises 558 are registered. They can only be registered when they meet all the requirements. Of the herds that are not registered some are not making efforts to meet the requirements and some can not catch their animals to identify them. Recently a Cervidae Advisory Committee meeting was held. All in attendance agreed that testing for CWD is the most important part of the Cervidae programs. Staff has completed the education portion of the program and is now ready to enforce the laws associated with raising Cervidae. The Farmed Cervidae statutes are currently in the Department of Agriculture's Chapter 17. Staff recommends moving these statutes to the Board's Chapter 35. This would provide the necessary authority to enforce the Farmed Cervidae laws (administrative penalties up to \$10,000 and/or a gross misdemeanor). The Cervidae Advisory Committee agreed that staff needs to enhance enforcement activities during the summer of 2005.

### *West Nile Virus Update*

Paul Anderson reported that this year there have been 6 confirmed cases of West Nile Virus in horses. This compares to 82 in 2003, and 993 in 2002. Vaccine use is the primary reason for this drastic reduction in cases.

### *Rabies Update*

Kris Petrini reported that the rabies cases have increased this year. The Board and the Minnesota Department of Health have a new database that allows the agencies to share rabies information. The new database also has map making capabilities. Most of the positive cases this year have been in skunks. 50 percent of all skunks and 3 percent of all bats submitted are positive. The Board sent out a press release in July targeting the counties that have had the most positives.

### *Emergency Planning Update*

Kris Petrini reported that of the 350 people that make up the Veterinary Reserve Corp, 100 members attended a training session in early August. Also, 30 participated in training for radiological emergencies. Minnesota is the first state to provide this training to their Veterinary Reserve Corp. The April 2004 Governor's Executive Order changed "Disease Emergency" to "Animal Health Emergency" in order to broaden the scope and authority of the Board of Animal Health during an emergency.

### *Scrapie Update*

Kris Petrini reported that the Board received \$80,000 in cooperative agreement funding from USDA for Scrapie Program activities this year. USDA:APHIS:Veterinary Services hired two veterinarians and two animal health technicians to assist in the program in Minnesota. Additional funding was provided by USDA to genotype rams so that

producers can breed Scrapie resistant animals. This service will be provided to producers at no cost.

### *Memorandum of Understanding with the Minnesota Department of Agriculture*

Bill Hartmann provided the Board members with a draft of an updated memorandum of understanding (MOU) between the Board of Animal Health and the Department of Agriculture (MDA). The current MOU is out dated. The new document would add cooperative efforts in the area of National Animal Identification and would change the language relative to emergency planning. He explained that MDA would be taking a lead role in emergency planning for all agricultural events. Board staff will work closely with MDA to prepare for any animal health emergency.

### *Legislative Initiatives*

Bill Hartmann reported on two legislative initiatives the Board will be recommending to the Governor this session. The first, discussed earlier by Paul Anderson, would involve moving the Farmed Cervidae statutes to Chapter 35 to provide the necessary enforcement authority. The second initiative would provide for the following 4 changes:

1. Delete the expiration date on the statutes that provide authority to the Board to respond to a Foot and Mouth Disease outbreak.
2. The Minnesota Veterinary Diagnostic Laboratory (MVDL) would be designated by statute as the official laboratory of the Board of Animal Health.
3. The director of the MVDL would be a not voting member of the Board and provide the Board with a quarterly report.
4. When the governor declares an emergency the board, through its executive director, may assume control of such resources within the University of Minnesota's Veterinary Diagnostic Laboratory as necessary to effectively address the disease outbreak. The director of the laboratory and other laboratory personnel must cooperate fully in performing necessary functions related to the outbreak or threatened outbreak

### *2006 - 2007 Budget Preparations*

Bill Hartmann reported that the Department of Finance is predicting a \$1 billion budget shortfall for the 2006 - 2007 biennium and has asked staff to prepare a document that prioritizes program activity in the following format:

- I. 20% highest priority activities
- II. 60% medium priority activities
- III. 20% lowest priority activities

This document will be used by the Department of Finance and the Governor to recommend budget reductions to balance the budget. Next year's move to the new building will result in an increase in rent paid to the Department of Agriculture from \$76,877 to \$164,799. Staff is discussing options to request additional funding to cover this increase.

*Date and Location of Next Board Meeting*

The Board will hold their next quarterly meeting at 9:30 a.m., December 8, 2004 at the Kelly Inn, St Paul, MN. A motion was made by Steve Brake, seconded by John Whitten and passed with all voting aye to adjourn at 3:01 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

*Minutes of the Board of Animal Health Meeting held  
Wednesday, December 8, 2004*

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on December 8, 2004 at the Kelly Inn, Saint Paul, Minnesota. The following people were present:

Board Members: John Whitten, Mahesh Kumar, Steve Brake, Paul FitzSimmons, Holly Neaton.

Staff Members: William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Dale Lauer, Kristine Petrini, Assistant Directors  
Linda Glaser, Emergency Planning Director  
Jessica Monson, Executive Assistant  
Barb Troyer, Business Manager  
Mike Hannon, Avian Pneumovirus Project Manager  
Dave Wiklund, NAIS Project Manager  
Carl Denkinger, Agricultural Specialist

Guests: Jim Collins, Veterinary Diagnostic Laboratory Director  
Michael Vanderklok, Michigan Department of Agriculture  
Justin Larson, Biomune Vaccines  
Brett Hopkins, Biomune Vaccines  
Carl Heeder, Jennie-O Turkey Store  
Mike DonCarlos, Department of Natural Resources  
Kevin Elfering, Minnesota Department of Agriculture

*Notice of Meeting in the State Register*

Mahesh Kumar reported that the notice of this Meeting appeared in the August 9<sup>th</sup>, 2004 issue of the State Register.

*Approval of the Minutes of the Quarterly Board Meeting on  
September 8, 2004*

A motion was made by Steve Brake, seconded by John Whitten and passed with all voting aye to approve the minutes of the September 8, 2004 Board of Animal Health quarterly meeting.

*Michigan Bovine Tuberculosis Import Requirements*

Dr. Micheal Vanderklok, a visiting speaker from the Michigan Dept of Agriculture, reported about zoning for Bovine tuberculosis(TB) in Michigan. Dr. Vanderklok prepared a PowerPoint presentation and handouts for all Board Members and other attendees. Michigan has implemented a mandatory statewide Bovine TB surveillance program. As of November 30, 2004 there have been 34,427 negative live animal tests in accredited areas and

3712 slaughterhouse negatives. Dr. Bill Hartmann questioned the fencing height requirements in Michigan for Cervidae. They are as follows: 10 feet for white tail, sika, fallow, and mule deer, 8 feet for elk and red deer, and 4 ½ feet for reindeer and caribou. Bovine TB is present in free ranging White-Tailed Deer in Michigan because of artificial manipulations such as feeding and baiting. This has caused a lot of imbalance and overpopulation creating the problem. Regulations are being enforced to stop the feeding and baiting. Also, there is an attempt to reduce deer numbers through hunting at a level supported by natural vegetation. Surveillance for Bovine TB in the modified accredited zone is assisted by electronic identification applied on farm. This allows them to monitor the movement of animals. At this time, cattle are the only animals being identified this way. Sheep appear to be relatively resistant to the disease and testing is not validated, therefore they have not included sheep in the program.

### *Veterinary Diagnostic Lab (VDL) Update*

Dr. Jim Collins reported that the VDL renovation is complete and the new laboratory space is fully occupied by the mastitis, Johne's disease and molecular diagnostic laboratories. There now is ample space to accommodate the Board's testing. A tentative date of January 28, 2005 has been scheduled for an open house. On January 1, 2004 VDL biological waste will be disposed of using the newly installed digester. Steve Brake asked what is left after carcasses go into the digester. Dr. Collins answered that the digester reduces 7000 lbs of infectious animal waste to 350 lbs of sterile lime (bone) in approximately 6 hours. The left over material will be used as fertilizer or composted. All waste will go through the digesting process to ensure that infectious material is contained within the VDL. Dr. Collins thanked the MDA for offering to share their toxicology equipment, expertise, and facilities with the VDL toxicology laboratory. The MDA and VDL collaboration will provide enhanced toxicology services to better protect Minnesota agriculture from accidental or intentional chemical contamination of the food supply.

### *Avian Pneumovirus*

Dr. Dale Lauer reported that the prevalence of Avian Pneumovirus (APV) in Minnesota turkey flocks continues an upward trend as determined by slaughter plant surveillance. A graph that tracked the percentages of APV positive flocks for the past four years was presented (2001/39%, 2002/42%, 2003/53%, and 2004/58%). In order to address APV in Minnesota, the USDA provided funds to the Board for a one year field project to develop an APV field eradication study. The three project components are:

- Avian Pneumovirus Vaccine Evaluation
- Field Vaccination Project
- Field Project Design and Data Analysis

Because of questions in the field, evaluation of the USDA licensed modified-live avian pneumovirus vaccine will be coordinated by Dr. Sally Noll along with other collaborators at the University of Minnesota. They will look at different vaccine techniques and protocols to determine the best method of APV vaccination in a controlled pen study setting. The goal is to have a vaccination strategy that will work in the field. The evaluation is scheduled to get under way by the end of January 2005 at the University's Rosemount facility. The second component is implementation of the field project as designed by the University of

Minnesota. Dr. Michael Hannon has been hired by the Board to work as the field project manager and has been contacting producers who have been identified as potential project participants. Even though the project's progress has been slowed by a number of different events and it is seen as an ambitious project by many, a February 1, 2005 start date is projected. USDA has suggested this is a multi-year project, but has not provided additional funding to date. The final component is the design of the field vaccination project headed by Dr. Will Hueston at the University of Minnesota. The project goal is to determine if a controlled vaccination strategy, employing the same vaccination protocol can eradicate APV from a geographic area and provide an economic benefit to the producers. Maps were shared with the Board members showing the field project zones. The field trial is being conducted in southern Minnesota, with controlled vaccination and adjacent comparison zones located in the Faribault and Morgan areas. The University of Minnesota is also designing a bio-security audit that will be conducted on each participating premises. Analysis of the data collected will be conducted by the University when the project is complete.

### *Avian Pneumovirus (APV) Taskforce Recommendation*

Dr. Lauer reviewed the request from the Board at the last Quarterly Board Meeting September 8, 2004 concerning the use of a non-attenuated, non-licensed avian pneumovirus product known as SINEX used to produce immunity in Minnesota turkey flocks. Since that meeting, the Minnesota Turkey Growers Association APV taskforce met to discuss the issue in order to make a recommendation to the Board. Dr. Carl Heeder was introduced as chairman of the APV taskforce and presented the following recommendations from the taskforce to the Board.

1. Limit procedure to farm of origin only.
2. Conduct additional research to define contents of SINEX.
3. Have producers report SINEX usage in flocks to the BAH prior to processing.
4. BAH to take no further action until more information can be obtained.

Dr. Brett Hopkins, a representative from Biomune Company addressed the Board. He felt that the Board has put some very stringent restrictions on the sale of his company's APV vaccine (PNEUMOMUNE) in Minnesota. The restrictions being: Sale of the vaccine is limited to two distributors, the vaccine can be sold only to growers who have applied for an annual permit, and the vaccine sold/used is tracked (date of sale, number doses, premises used). He did feel if this was the policy of the Board, it should be applied equally to all products used in the state. An extended discussion period followed. Regarding the product known as SINEX, the concerns of Board members and other attendees can be summarized as follows: 1)unknown product content and side effects, 2)no matter the situation, users must follow the rules, 3)it is crucial that testing be conducted on the product. After discussion, John Whitten made a motion for passage of the following:

The Board of Animal Health recommendations concerning the use of a live non-attenuated, non-licensed avian pneumovirus product in Minnesota.

1. Staff will provide forms that must be completed to provide data necessary to evaluate product use.
2. The users must cease using the word "SINEX" in reference to the product.
3. Three producers to submit six product samples (18 total vials) to the staff within 30 days.
4. Staff will contact the Center for Veterinary Biologics to:
  - a. Question the legal use of product "as used".

- b. Evaluate product submitted from the staff.
5. The University of Minnesota Veterinary Diagnostic Lab and Biomune Co. to serve as additional research labs to evaluate product as submitted from the staff.
6. Report to the Board on or before the April 2005 Board meeting.

Dr. Kumar seconded with all voting aye to approve the motion.

### *Avian Influenza Update*

Dr. Lauer presented a summary of Avian Influenza events as reported at the 2004 USAHA meeting in Greensboro, NC. Low Pathogenic Avian Influenza (LPAI) H7N2 continues to circulate in the Live Bird Markets (LBM) of northeastern states. Highly Pathogenic AI (HPAI) identified near Gonzales, TX, was sequenced as HPAI, but did not produce mortality when injected into chickens. HPAI was also identified in British Columbia, but did not spread into the United States. Ohio, Delaware, Pennsylvania, Maryland, and Texas had commercial poultry flocks with LPAI. An egg layer complex in Connecticut successfully eradicated LPAI H7N2 with a cooperative, systematic, and coordinated vaccination program. This is great news because it proves that under the right situation and surveillance, eradication can be accomplished. To date in 2004, Minnesota has had a total of six flocks positive for influenza (3-H1N1, 1-H3N2, 2-H2N1) in Brown, Le Sueur, Steele and Swift counties.

### *Live Bird Market (LBM) Update*

Dr. Lauer reported on the status of the Live Bird Markets in Minnesota. USDA has been developing program standards to be followed in a UM & R document titled "Prevention and Control of H5 and H7 Low Pathogenicity Avian Influenza Virus in the Live Bird Marketing System – Uniform Standards for a State-Federal-Industry Cooperative Program." This document was distributed at the 2004 USAHA meeting. The program goals include:

- ✓ Diagnose, control and prevent H5 and H7 Low Pathogenic Avian Influenza (LPAI).
- ✓ Help participants to improve biosecurity, sanitation and disease control.
- ✓ Minimize the effects of LPAI on the U.S. commercial poultry industry.

The program standards defined include:

- ✓ LBM- Any facility that gathers live poultry to be slaughtered and sold onsite.
- ✓ LBMS- A system of poultry marketing whose participants include suppliers, dealers, haulers, auction markets, wholesalers and live bird markets.

Areas addressed in the program include:

- ✓ Live Bird Market, Poultry Distributor, Production Unit registration
- ✓ Worker education, record keeping
- ✓ Premises sanitation and biosecurity
- ✓ AI testing, disease surveillance
- ✓ Response Plan

After discussion about the pros and cons of such an Avian Influenza surveillance program, Dr. Kumar motioned and John Whitten seconded that this issue be referred to the Board's Poultry Health Advisory Group for discussion and a recommendation at the next Board meeting. It was passed with all voting aye.

### *National Animal Identification System (NAIS)*

Dave Wiklund reported on the National Animal Identification System (NAIS). He has been traveling around the state speaking to groups about the importance and advantages of the implementing a national animal identification and tracking system.

### *Emergency Planning Update*

Dr. Linda Glaser, the new Emergency Planning Director, reported that she is getting assimilated in her new position and that Gina Casarez is her new assistant. The Foot and Mouth Disease response plan has been broadened to encompass all highly contagious diseases. Dr. Glaser needs input from the Board on the best approach to get industry representatives to review the plan. There was some discussion concerning the national guidelines of emergency plans. Dr. Glaser assured the Board that Minnesota is following USDA and USAHA guidelines. This plan will be an appendix to the Minnesota Department of Agriculture (MDA) All Hazards Response Plan. Dr. Glaser is working with Ty Vannieuwenhoven, the USDA Emergency Response Coordinator. Paul FitzSimmons offered to have the plan put onto compact discs and distributed to pork producers.

Dr. Glaser is attending regional Homeland Security and Emergency Management (HSEM) meetings with Dr. Heidi Kassenborg and Mike Starkey from MDA. These meetings include county emergency planners and they are attempting to familiarize the people with the MDA All Hazards Plan. Dr. Jim Collins asked if VDL testing capacity is being considered in these plans. Dr. Glaser assured him that laboratory surge capacity planning will be included in plan. Dr. Glaser reported that the Minnesota Veterinary Reserve Corp (MVRC) is currently up to 393 members. This is one of only three vet reserve corps in the nation that is a designated medical reserve corp. These volunteers are trained and a regular newsletter is sent out to keep them up to date. Staff is in the process of transferring the oversight of the MVRC to the Minnesota Veterinary Medical Association.

### *Farmed Cervidae Compliance Update*

Dr. Paul Anderson reported on compliance and enforcement in the farmed Cervidae program. He introduced Kevin Elfering, from the Minnesota Department of Agriculture (MDA), and Mike DonCarlos from the Minnesota Department of Natural Resources (DNR). These agencies are working with Board staff to ensure unity in compliance efforts. By the most recent count, 755 herds are being monitored. These herds have been visited at least once, and some twice. There are 163 farms that are not registered, and 255 are not doing Chronic Wasting Disease (CWD) surveillance. A scoring protocol using a 100 point system has been set up to grade farm compliance. Points are given for things such as fencing, registered herd, etc. There are only 27 people on the list that are less than 25 points. The highest risk for CWD are those operations that have elk, white tail deer, and free roaming deer that come in and out of property. Staff will work with DNR and MDA to develop a plan of action to bring these 27 high risk herds into compliance.

### *Cattle Disease Update*

Dr. Keith Friendshuh reported that there are 1183 herds in the Johne's disease program of which 286 are test negative herds. Prescreening with environmental samples has been completed on 68 herds. Eight of these herds have qualified for test negative herd status. Veterinarians have found this to be an easy way to promote the program. With the success of the program it has become difficult for staff veterinarians to keep up with the workload. Therefore, we are training practicing veterinarians to do risk assessments and develop herd plans. Twelve veterinarians are now certified to do risk assessments. There will be a planning session with the District Veterinarians the first week of January. Four meetings will be scheduled this winter to update practicing veterinarians in different locations around the state on our Johne's disease program. USDA will receive 18.74 million for the national Johne's disease program in FY 2005.

### *Scrapie Eradication Update*

Dr. Kris Petrini reported on the progress of the Scrapie eradication program in Minnesota. She distributed a hand out to all Board members that included statistics about the program. There has been a lot of activity this past quarter primarily because two large commercial sheep operations were diagnosed with Scrapie. In addition, the Minnesota ram testing project was implemented. To date, 157 rams on 44 farms have been tested.

Copies of the proposed Scrapie rules were provided to all Board members. These rules which include a requirement for ID of sheep for intrastate movement were discussed and revised at the Scrapie board meeting in November. Currently the rules are being reviewed by the Reviser's office. Feedback will be solicited from livestock auction markets before a final draft is prepared to go out for public comment.

### *Date and Location of Next Board Meeting*

The Board will hold their next quarterly meeting at 9:30 a.m., February 16, 2004 at the Kelly Inn, St Paul, MN. A motion was made by Paul FitzSimmons, seconded by Steve Brake and passed with all voting aye to adjourn at 1:45 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## *Minutes of the Board of Animal Health Meeting held Wednesday, February 16, 2005*

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on February 16, 2005 at the Kelly Inn Saint Paul, Minnesota. The following people were present:

**Board Members:** John Whitten, Mahesh Kumar, Steve Brake, Holly Neaton.  
**Staff Members:** William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Dale Lauer, Kristine Petrini, Assistant Directors  
Linda Glaser, Emergency Planning Director  
Jessica Monson, Executive Assistant  
Barb Troyer, Business Manager  
Dave Wiklund, NAIS Project Manager  
Milan Tomaska, IT Specialist  
Malissa Fritz, Communications Director  
**Guests:** Jim Collins, Veterinary Diagnostic Laboratory Director  
Representative Greg Davids  
Representative Dennis Ozment  
Senator Steve Dille  
Thomas Hagerty, Minnesota Veterinary Medical Association

### *Notice of Meeting in the State Register*

Mahesh Kumar reported that the notice of this Meeting appeared in the January 31, 2005 issue of the State Register.

### *Approval of the Minutes of the Quarterly Board Meeting on December 8, 2004*

A motion was made by Steve Brake, seconded by Holly Neaton and passed with all voting aye to approve the minutes of the December 8, 2004 Board of Animal Health quarterly meeting.

### *Approval of agenda*

Kris Petrini requested that a presentation on rabies be added to the agenda. A motion was made by Steve Brake to approve the agenda as amended, seconded by Holly Neaton, and passed with all voting aye.

### *Recognitions*

Mahesh Kumar recognized Steve Brake for being named Minnesota Cattleman of the Year and Jim Collins for being named Minnesota Veterinarian of the Year.

## *Guests*

Representative Gregory Davids, Agriculture and Rural Development Chair, Representative Dennis Ozment, Agriculture, Environment and Natural Resources Chair and Senator Steve Dille, Agriculture, Veterans and Gaming, ranking minority member attended portions of the meeting. They met the Board members, had an opportunity to observe and provided the Board with a review of their activities in the legislature.

## *Michigan Cattle Import Update*

Keith Friendshuh recommended the Board rescind the policy on ruminant imports from Michigan that was put in place at the April 7, 2000 Board meeting. However, he also recommended that no ruminants be allowed importation into Minnesota from the Modified Accredited zone of Michigan. Steve Brake asked if these requirements would be similar to what other states are requiring. Bill Hartmann responded that yes we would be consistent with most other states.

The following motion was made by Steve Brake, seconded by John Whitten, and passed with all voting aye.

I move to rescind the policy concerning ruminant imports from Michigan that was put in place at the April 7, 2000 Board meeting. I further move to prohibit the importation of ruminants into Minnesota from the Modified Accredited zone of Michigan.

## *Bovine Spongiform Encephalopathy (BSE) and opening the Canadian Border.*

Linda Glaser reported on the USDA Amended Regulations to 9 CFR Parts 93-96 that will allow importation of certain live ruminants and ruminant products into the U.S. from Canada. The final rule amending the regulations was published on January 4, 2005. The regulations are scheduled to take effect March 7, 2005. Amendments to the regulations include: 1) criteria to designate a region of the world as a 'BSE - Minimal Risk Region, 2) designation of Canada as a BSE-Minimal Risk Region, 3) information required on import certificates documenting animal sources, animal identification, and compliance with import regulations, 4) restrictions on age and U.S. destinations for live ruminants imported from Canada, 5) requirements for animals and slaughter methods used for ruminant products imported into the U.S., and 6) definitions for 'suspect for a transmissible spongiform encephalopathy' and 'positive for a TSE'

## *Legislative Updates*

Paul Anderson reported that the bills in the house and senate that would move the current Farmed Cervidae statutes from chapter 17 to chapter 35 are progressing through the necessary committees. Currently, there are of 756 Cervidae farms in Minnesota and 615 are registered. In order to reach 100% participation, he stated that we will need the same enforcement authority that we have in our other disease control programs. Senator Steve Dille and Representative Tony Cornish are the senate and house authors.

Bill Hartmann reported that Senate File 774 and House File 318 authored by Senator Dille and Representative Blaine would make the Veterinary Diagnostic Laboratory (VDL) the official laboratory of the Board of Animal Health. The bill would provide the Board with the authority to direct laboratory activities if the Governor declared an emergency because of an animal disease outbreak. Finally the bill would repeal the expiration date on the statutes that provide the Board with expanded authority to deal with an animal disease outbreak if the Governor declares an emergency.

### *Governor's Recommended Budget*

Bill Hartmann reported on the Governor's recommended budget. Governor Pawlenty has recommended adjusting the general fund appropriation to the Board of Animal Health to cover the increased lease costs associated with relocation to a new building near the capital in St. Paul. A deficiency bill has passed both houses and been signed into law by the Governor in which proceeds from sale of Department of Health building will offset the cost of the move to the new building.

### *National Animal Identification System (NAIS) Update*

Dave Wiklund gave an update on premises registration. Registration packets were sent out and as of today, the office has received 7,000 of the 35,000 registration cards included in that mailing. A USDA representative will visit the Board office to inspect our database and determine if Minnesota can be certified to connect to the national database. On February 24, we will host a web cast to better educate producers and answer questions about the program. Next years NAIS funding from USDA will be based on the number of premises registered and the size of animal agriculture in each state.

### *Johne's Disease Video*

Malissa Fritz reported that in order to increase awareness and education among cattle producers on Minnesota's Johne's Disease Control Program, the Board will be developing an informational video. Keith Friendshuh reported that this video will highlight both small and large producers at various stages of disease control. The video project stems from a request made by the Johne's Disease Advisory Committee to promote the program statewide.

### *Rabies Update*

Kris Petrini reported that, in contrast to many states, Minnesota law does not require that dogs or cats be vaccinated for rabies. She also reported that a change in the diagnostic laboratory fee structure now allows for all rabies suspect animals to be tested at no cost. Formerly, rabies testing was \$25.00 unless there was human exposure.

### *Poultry Division Report*

Dale Lauer gave an update on the Avian Pneumovirus (APV) Compliance issue. The recommendations from the December Board meeting are being carried out or are in the process of being completed. As the use of the APV material in question appears to be declining, vaccination with the USDA licensed APV vaccine continues in Minnesota. It was noted that the Center for Veterinary Biologics has authority in the AVP material issue because of the nature of the biological agent. He also reported that the Poultry Health Advisory Working Group

(PHAWG), a group representing the Minnesota poultry industry, provided some Live Bird Market recommendations. They suggested that the markets be contacted and educated in order to develop a series of Best Management Practices. To wait for the results of an AI Coordinated Agricultural Research Project being conducted in three states, including Minnesota, that will help to identify the risk factors associated with Live Bird Markets. Finally they suggested that as the proposed Live Bird Market Rulemaking process is put on hold for now, different state and federal agencies meet to discuss and define roles associated with Minnesota Live Bird Markets.

### *Interactive Board Member Website*

Malissa Fritz and Milan Tomaska showed the Board members a new password protected interactive website. Board members can log on to find information on upcoming meetings, programs, and contact information.

### *Date and Location of Next Board Meeting*

The Board will hold their next quarterly meeting at 9:30 a.m., April 6, 2005 at the University of Minnesota Veterinary Diagnostic Laboratory, St Paul, MN. A motion was made by Paul FitzSimmons, seconded by Steve Brake and passed with all voting aye to adjourn at 1:45 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## *Minutes of the Board of Animal Health Meeting held Wednesday, April 6, 2005*

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on April 6, 2005 at the University of Minnesota Veterinary Diagnostic Laboratory, 1333 Gortner Ave, St. Paul, MN 55108. The following people were present:

- Board Members: John Whitten, Mahesh Kumar, Steve Brake, Holly Neaton, Paul FitzSimmons.
- Staff Members: William Hartmann, Executive Director  
Paul Anderson, Keith Friendshuh, Dale Lauer, Kristine Petrini, Assistant Directors  
Jessica Monson, Executive Assistant  
Barb Troyer, Business Manager  
Dave Wiklund, NAIS Project Manager  
Milan Tomaska, IT Specialist  
Malissa Fritz, Communications Director
- Guests: Jim Collins, Veterinary Diagnostic Laboratory Director  
Kevin Elfering, MDA: Dairy, Food and Meat Inspection Division Director  
Thomas Hagerty, Minnesota Veterinary Medical Association (MVMA)  
Sharon Vangness, MVMA Executive Director  
Mike Stine, Area Veterinarian in Charge USDA:APHIS:VS  
Jeffrey Klausner, Dean, College of Veterinary Medicine

### *Notice of Meeting in the State Register*

Mahesh Kumar reported that the notice of this Meeting appeared in the March 31, 2005 issue of the State Register.

### *Approval of the Minutes of the Quarterly Board Meeting on December 8, 2004*

A motion was made by John Whitten, seconded by Holly Neaton and passed with all voting aye to approve the minutes of the February 16, 2005 Board of Animal Health quarterly meeting.

### *Approval of agenda*

Jeffrey Klausner requested that he be added to the agenda to say a few words of welcome. A motion was made by John Whitten to approve the agenda as amended, seconded by Holly Neaton, and passed with all voting aye.

### *Welcome by Dr. Jeffery Klausner*

Dean Jeffrey Klausner took a few minutes to welcome all Board members, staff, and visitors to the University of Minnesota, College of Veterinary Medicine. The college understands the importance of serving Minnesota Agriculture; they are working to ensure that all facets of

veterinary medicine are being provided with the necessary workforce for the future. He spoke of the advantages of having a diagnostic laboratory connected to the university. It is proven that with the close proximity of the college and the lab, it is easier to generate new knowledge in vaccines and develop new information. He is looking forward to the diagnostic lab becoming the official lab of the Board of Animal Health.

### *Tour of Veterinary Diagnostic Laboratory (VDL)*

Jim Collins welcomed everyone to the lab and took everyone on a guided tour of the facility. The tour included the new tissue digester installed at the laboratory and the finished renovation of the first floor of the old laboratory building.

### *Bovine Spongiform Encephalopathy (BSE) Update*

Bill Hartmann provided the Board members with an update on activities associated with BSE. The U. S. border was scheduled to reopen to Canadian ruminant and ruminant product imports on March 7, 2005, however a U.S. District Judge in Montana granted a temporary order preventing the action on March 2, 2005. The U.S. Dept. of Justice on behalf of USDA filed a request with the U.S. court of Appeals for the 9<sup>th</sup> Circuit asking that the court overturn the decision issued by the US District Court in MT. A hearing is scheduled for July. On April 4, 2005 USDA announced that Canada, Mexico, and the U.S. have established a harmonized approach to BSE to help normalize trade in ruminants and ruminant products within North America. These standards will be considered by the designated appropriate animal health and public health officials in each country through respective regulatory processes. He reported that BSE surveillance has been very successful in both Minnesota and the rest of the United States. Targets for both Minnesota and the U.S. have been exceeded prior to the deadline. Most recent figures for Minnesota are 14,351 samples and for the U.S. 94,593 samples. All samples to date have been negative.

### *Scrapie*

Dr. Petrini updated the Board members on the progress of Minnesota's Sheep Genotype Project. This project started in October 2004 and provided funding for producers to test up to 10 rams per flock to determine genetic susceptibility to scrapie. Not as many producers took advantage of this program as anticipated, so the program was recently expanded to 20 animals (rams or ewes) per flock. Since this change was made, there has been a sharp increase in testing activity. The project is funded through a USDA-APHIS cooperative agreement and is due to end May 15, 2005. An extension to June 30, 2005 has been requested.

USDA-APHIS cooperative agreement FY05 funds for the scrapie eradication program are being determined at this time. Funding will likely be similar to last year.

Dr. Petrini handed out a new draft of the proposed Minnesota Scrapie Rules for the Board to review. This revision was drafted after discussion with several markets and producers. Key points include:

1. Requirement for official identification of all sheep and goats upon movement from the flock to another location, with an exemption for slaughter and feeding-for-slaughter animals that are less than 18 months of age.

2. Requirement for official identification of all sheep and goats for exhibition.
3. Requirement for official identification for all sheep and goats imported into Minnesota with exceptions for animals less than 18 months of age going to federally inspected slaughter plants, feeder sheep consigned to a state approved livestock market, and feeder animals moved under permit to a terminal feedlot.

The adoption of these rules is required for Minnesota to remain consistent with the national Scrapie Eradication Program.

### *Legislative Update*

Bill Hartmann provided the Board members with an update on legislative activities associated with the Board of Animal Health. The two Governor's initiatives put forward by Board staff have passed the necessary committees without controversy. A bill that would provide \$2.3 million in a one time appropriation to the Veterinary Diagnostic Laboratory passed through the Environment, Agriculture and Economic Development Budget Committee. The author of this bill is Senator Steve Dille. Companion bills in the House and Senate that would provide for confidentiality of premises and animal identification collected by the Board of Animal Health passed through the necessary committees.

### *Bovine Tuberculosis Update*

Bill Hartmann and Mike Stine provided the Board members with an overview of Bovine Tuberculosis Eradication activities in the United States. When this eradication effort started in 1917 there was approximately a five percent prevalence in cattle in the U.S. Steady progress was made with active surveillance for the first 60 years. Due to costs the U.S then switched to slaughter surveillance. Two concerns have arisen with surveillance in Minnesota. First the granuloma submission rate from our four major adult kill slaughter plants has been low. Mike Stine and his staff at USDA:APHIS:VS in Minnesota have taken an active roll in improving those submission rates. He has hired two Animal Health Technicians to assist with collection at the plants. Early results show significant improvement from two of the plants. The other concern is that our response rate to the caudal fold tuberculin test in cattle administered by accredited veterinarians has been below expectations. Efforts are underway by both USDA and Board staff to improve this response rate.

Similar concerns about tuberculosis surveillance are present throughout the U.S. as well as the following concerns. In federal FY2004 six infected cattle herds were discovered. Four were discovered by active surveillance programs, one by interstate testing requirements and one as a result of epidemiologic tracing from another infected herd. Therefore, surveillance systems other than slaughter inspection were responsible for all infected herds detected during FY2004. During FY2004 two newly affected premises were dairy calf growing operations in Arizona and New Mexico. Both of these dairy calf operations are responsible for supplying commercial dairies throughout the United States with large numbers of replacement heifers. These two calf raising operations also supply large numbers of Holstein steers to feedlots throughout the United States. During FY2004 there were 11 Holstein steer cases identified on slaughter surveillance as TB-infected. In response to this activity 35 states have instituted import testing requirements for dairy cattle over 6 months of age. They discussed 2 dairy herds and one beef cattle herd in Minnesota that have had suspicious cases of tuberculosis recently. One of the

investigations of a dairy herd has been completed with no tuberculosis found. The other two herds are still under investigation and pending completion of a herd test. The dairy herd still under investigation is a network of farms that has facilities in both Minnesota and South Dakota. There are approximately 6,000 cows in this network. Bill Hartmann said that he would continue to monitor activities with the Tuberculosis Eradication Program and make any recommendations for changes at the next Board meeting.

### *National Animal Identification System (NAIS) Update*

Dave Wiklund spoke to the Board Members about progress made in the NAIS project. He informed the group of the staff's ability to register premises in the NAIS system, and that we have currently registered over 1600 premises. He also talked about a confidentiality bill that has been introduced in the House of Representatives. House file 2039 had its first reading in the Civil law committee. With the testimony of Bill Hartmann, the bill passed without objection. With the help of the attorney General's Office, we added language to the bill that would allow the board to release information at the board's discretion. The language was resubmitted to the author (Representative Davids) and we await his review.

### *Minnesota Poultry Testing Laboratory Report*

Drs. Collins, Hartmann and Klausner will be visiting the Minnesota Poultry Testing Laboratory, located in Willmar, in May. The facility is owned by the University of Minnesota, and all laboratory technicians are University employees. Dr. Kumar requested to be notified when the visit was scheduled so he could attend.

### *Information Technology Update*

Milan Tomaska informed the Board members of a proposal to use funds to purchase laptops and high speed internet access for the Board members. With the advancements and developments in the Board website, it is important that the Board members all have access to these services. All members agreed that this would be very advantageous and encouraged Milan to set things in motion to ensure that this happens.

### *Election of Officers to the Board of Animal Health*

The Executive Director took over direction of the meeting for election of officers to the Board for the next year. He opened nominations for president. Steve Brake nominated Mahesh Kumar. No other nominations were offered. John Whitten made a motion for Mahesh Kumar to be president of the Board for the next year, and all voted aye. Nominations for Vice President were then opened. Mahesh Kumar nominated John Whitten. No other nominations were offered. Mahesh Kumar made a motion for John Whitten to be Vice President of the Board of Animal Health for the next year, with all voted aye.

### *Appointment of the Executive Director*

The Board members met in closed session with business manager, Barbara Troyer to discuss appointment of the Executive Director for the coming state fiscal year. A motion was made by Paul Fitzsimmons to rehire Bill Hartmann as the Executive Director. The motion was seconded by Jake Whitten with all voting aye. A motion was made by Holly Neaton to approve an

achievement award for the Executive Director. The motion was seconded by Steve Brake with all voting aye.

*Location and Date of Next Board Meeting*

The Board will hold their next quarterly meeting at 9:30 a.m., September 14, 2005 at the Worthington Veterinary Medical Center, Worthington, Minnesota. A motion was made by Paul FitzSimmons, seconded by Holly Neaton and passed with all voting aye to adjourn at 1:45 p.m.

Respectfully submitted,

A handwritten signature in cursive script that reads "William L. Hartmann". The signature is written in dark ink and is positioned above the printed name and title.

William L. Hartmann  
Executive Director

## ***Minutes of the Board of Animal Health Meeting held Wednesday, September 14, 2005***

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on September 14, 2005 at the Prairie Holding Center, 1520 Prairie Drive, Worthington, MN. The following people were present:

**Board Members:** John Whitten, Mahesh Kumar, Steve Brake, Holly Neaton, Paul FitzSimmons.

**Staff Members:** William Hartmann, Executive Director  
Paul Anderson, Dale Lauer, Kristine Petrini, Assistant Directors  
Jessica Monson, Executive Assistant  
Dave Wiklund, NAIS Project Manager  
Kern Schwartz, District Veterinarian  
Carl Denkinger, Agricultural Specialist  
Linda Glaser, Emergency Management Director

**Guests:** Mike Stine, Area Veterinarian in Charge USDA:APHIS:VS  
Jim Collins, Veterinary Diagnostic Laboratory Director

### ***Notice of Meeting in the State Register***

Mahesh Kumar reported that the notice of this Meeting appeared in the August 15, 2005 issue of the State Register.

### ***Approval of the Minutes of the Quarterly Board Meeting on April 6, 2005***

A motion was made by Steve Brake, seconded by Holly Neaton and passed with all voting aye to approve the minutes of the April 6, 2005 Board of Animal Health quarterly meeting.

### ***Approval of agenda***

Dr. Holly Neaton requested that she be added to the agenda to discuss a pilot project for Ovine Progressive Pneumonia (OPP) after the Scrapie update. A motion was made by John Whitten to approve the agenda as amended, seconded by Steve Brake, and passed with all voting aye.

### ***Budget Update***

Bill Hartmann reported that the Board's total biennial budget for 2006/2007 is \$6,520,000. An increase of \$314,000 is to cover the increased lease costs of the new building. \$600,000 is an increase for grants to the Veterinary Diagnostic Laboratory at the University of Minnesota to expand animal disease surveillance and to protect animal agriculture and public health. In addition to state funding the Board will be receiving approximately 2.4 million in cooperative agreement funds from USDA:APHIS:Veterinary Services. The two major unions of government employees (MAPE and AFSCME) have reached a tentative agreement with the state that would

provide a 2% across-the-board increase in each year of the biennium. This will impact the Board financially since there has been no increase in budget to cover this cost.

### ***Legislative Session Review***

The Board was not affected by the partial government shutdown. Both of the Governor's initiatives recommended by staff passed. The first provided for designation of the Veterinary Diagnostic Laboratory as the official laboratory of the Board of Animal Health and repeal of the expiration date on the Board's emergency authority to respond to an animal health emergency. The second moved the Farmed Cervidae statutes into Chapter 35 to provide staff with the necessary authority to enforce those statutes. Senator Steve Dille, with the support of the Minnesota Pork Board, introduced a bill that was passed into law that provides \$600,000 to the Veterinary Diagnostic Laboratory. Representative Greg Davids, with the support of the livestock industry, introduced a bill that was passed into law that provides for confidentiality of premises and animal identification information collected by the staff in the National Animal Identification System.

### ***Bovine Spongiform Encephalopathy(BSE)***

Minnesota has tested 23,215 cattle in the enhanced surveillance for BSE. This is more than double the targets that were set by USDA for Minnesota. In the United States 452,760 animals have been tested. The United States is now allowing importation of feeder and slaughter cattle under 30 months of age from BSE low risk areas.

### ***Minnesota Veterinary Diagnostic Laboratory Report***

The 2005 Minnesota Legislature designated the University of Minnesota Veterinary Diagnostic Laboratory (MVDL) as the "official laboratory for the Minnesota Board of Animal Health" and provided \$600,000 of new MVDL funding for the biennium. Jim Collins, laboratory director, discussed the proposed use of new funding. The MVDL plans to use the funding as follows: 1) hire a world renowned molecular bacteriologist, Dr. Simone Oliveira, who will vastly enhance the molecular diagnostic capabilities for bacterial pathogen detection; 2) purchase state-of-the-art laboratory equipment (thermocyclers and PCR machines) to speed disease detection and reduce test costs; 3) increase disease surveillance to ensure that foreign animal diseases and emerging diseases are detected quickly, thereby; mitigating the effects of these diseases on animal health should they appear; 4) establish collaborations with the USDA to become one of the few U.S. laboratories equipped to detect emerging foreign animal diseases such as hog cholera and highly pathogenic influenza; and 5) mobilize veterinary pathologists to support the Board's efforts to diagnosis and eliminate bovine tuberculosis from infected beef herds.

### ***Canadian Cattle Import Update***

Jessica Monson reported on how the Board of Animal Health is tracking Canadian cattle coming to feedlots in Minnesota. She is using the Import Permit Screen of the General Database to enter in the number of animals coming in on trucks. At the time of the meeting, 7 premises in Minnesota had imported Canadian feeder cattle. Board members stressed the importance of holding a meeting that would allow affected producers to ask questions regarding protocol of handling these animals.

## ***Bovine Tuberculosis Update***

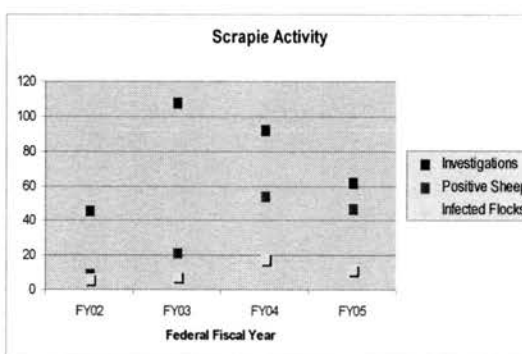
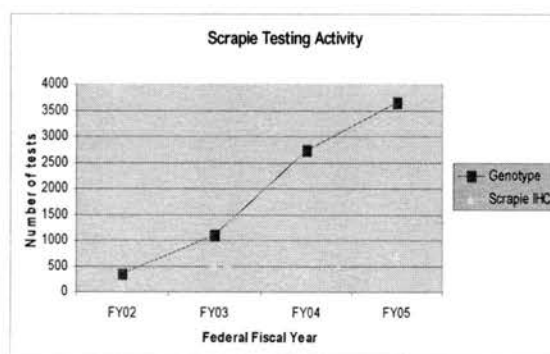
In mid-July, a large beef herd in Roseau County was determined to be infected with bovine Tuberculosis. This diagnosis was made following a slaughter trace investigation and a whole herd tuberculosis test. The ensuing investigation identified 17 herds in Minnesota with cattle movement between their herds and the infected herd. An additional 4 herds had fence line contact with the infected herd. All 21 herds were quarantined. In addition, animal movement to or from the infected herd was traced to seven states; Iowa, Kansas, Montana, North and South Dakota, Nebraska, and Texas. The infected herd will be indemnified and depopulated.

Tuberculosis testing of the 21 quarantined herds in Minnesota has identified two additional infected herds; herds with fence line contact with the first herd. Six of the 21 herds quarantined have tested negative for tuberculosis and their quarantines have been released. Testing is ongoing in the remaining quarantined herds.

In addition to testing cattle for Tuberculosis, the Minnesota Department of Natural Resources will be collecting samples from approximately 400 white-tailed deer for tuberculosis testing during the fall hunting season. Animals killed by hunters within a 15 mile radius of the infected herds will be sampled at area hunter check stations. The samples will be sent to the National Veterinary Services Laboratory in Ames, Iowa for testing.

## ***Scrapie Update***

Dr. Petrini updated the Board on the progress of the Scrapie program. Program activity for the past 5 months was provided as well as a comparison of activities over the past four years since the eradication began. Testing has steadily increased over the past four years. The number of infected flocks identified in FY05 was down slightly from FY04.



The Board received a total of \$115,000 in USDA Cooperative funds for FY05. This will pay for some salaries and allow the Board to offer free genetic testing again this year. Last year the over 3100 sheep were tested on approximately 230 farms in Minnesota. The USDA has provided certain restrictions on how the genetic testing funds can be used this year and the details on what testing will be offered this year are still being discussed.

The proposed Scrapie rules were published in the State Register on September 12, 2005 along with the Notice of Intent to Adopt Without a Public Hearing. The comment period ends on October 12, 2005.

### ***Pilot Study for Ovine Progressive Pneumonia(OPP) Control Program***

Dr. Neaton presented the Board with a proposed Ovine Progressive Pneumonia (OPP)/Caprine Arthritis Encephalitis (CAE) Pilot Study. This proposal came from Judy Lewman and the OPP Concerned Sheep Breeders Society. This group would like Minnesota to conduct a pilot project that would link testing for OPP and CAE to the Scrapie Flock Certification Program. Dr. Neaton proposed to have Dr. Petrini further investigate this proposal and report back to the Board at the December meeting providing more details on the resources needed to complete this project. Steve Brake seconded the motion. All voted aye and the proposal carried.

### ***Rabies Survey Results***

Dr. Petrini also presented the results of the rabies survey that she conducted this summer. Forty-six out of 51 states (including Puerto Rico) responded to this survey which was mailed to both the State Public Health Veterinarians and the State Veterinarians in each state. Ninety-six percent of the respondents indicated that their state had state regulations governing rabies control. These regulations are administered by the state departments of health in 48 % of the responding states, by the departments of agriculture in 20 % of the states, and by a combination of both agencies (as in Minnesota) in 32% of the states. Seventy-eight percent of the responding states indicated that they have a state law requiring rabies vaccination for dogs and 63% of the states required rabies vaccination for cats. Rabies vaccination is not currently required in Minnesota for dogs or cats and a discussion followed as to whether this should be changed. It was decided that Dr. Petrini would present the information to the Minnesota Veterinary Medical Association's Public Health Committee, seek their input, and then report back to the Board.

### ***Exotic Animal Registration Update***

Dr. Petrini updated the Board about the Regulated Animal Law, Minnesota Statute 346.155, which went into effect on January 1, 2005. This law requires that local animal control authorities submit registration information on regulated animals (exotic cats, bears, primates) to the Board by July 1 of each year. Currently, 16 facilities have registrations on file at the Board. In total, these facilities list 47 cats, 3 bears, and 29 primates. There are at least 15 USDA licensed facilities which house regulated animals for which registration information is not currently on file at the Board. Some facilities have had problems identifying a local animal control authority willing to accept their registration information and the Board has received many calls from the public regarding the interpretation of certain aspects of this law.

### ***National Animal Identification Systems (NAIS)***

Dave Wiklund updated the Board members on how many premises by species were registered with the NAIS program in Minnesota. NAIS funding for 2004-2005 will be reduced around 25%. During the next year the NAIS program will focus on premises registration and education. 2004-2005 funding will be used to reach Phase 2 of the USDA 2005-2009 draft strategic plan. A

new Minnesota statute provides for confidentiality of premises and animal identification information.

### ***Johne's Program Changes***

Changes to the Johne's Disease Program will become effective October 1, 2005. The changes are based on recommendations of the Johne's disease advisory committee with input from our field staff. Changes are necessary because there is not enough funding to continue the current program. Bill Hartmann detailed the significant changes to the program.

### ***Cervidae Programs/Compliance Action***

Paul Anderson reported that staff has begun enforcement activities for the farmed Cervidae program. We are in the process of issuing "Notices of Violation" to farmed Cervidae producers who have not yet registered with the Board. The notice informs the producer that they are in violation of Minnesota law and have 30 days to comply. The notice further informs the producer of civil and criminal penalties which will be assessed if they fail to comply in the prescribed time period. Our staff reports that the process is going well and that most producers will comply once the deadline is issued.

### ***Avian Pneumovirus Project Update***

Minnesota's Avian Pneumovirus Eradication Project that is being funded by USDA (\$560,000) and under the direction of the Minnesota Board of Animal Health is entering the final stages of the current project. This one year project (September 1, 2004 – August 31, 2005) involves coordinated vaccination and comparison zones in the Morgan and Faribault areas of Minnesota. Field vaccination began February 1, 2005 and will continue per protocol design for flocks placed through August 31, 2005. The current project's status follows:

#### **Avian Pneumovirus Vaccine Evaluation**

The emphasis for this vaccine evaluation project is to use a large number of birds in a commercial density setting to simulate field conditions. In the first challenge study, poult from the control and spray vaccinated groups exhibited clinical signs. In the second challenge study, only poult from the control group exhibited clinical signs upon challenge. Preliminary results would suggest that initial low volume spray vaccine administration was not effective in terms of providing challenge protection and that the vaccine when administered by eye drop provided protection to poult challenged at four and eight weeks of age. Low volume spray administration of the vaccinated unchallenged birds at 12 wks of age suggests that the vaccine virus was cycling in the flock.

#### **Avian Pneumovirus Field Eradication Project**

Supplies for the collection of samples to generate flock profiles have been provided to 247 project flocks. Over 500 field and processing plant submissions have been tested from project flocks. 120 project flocks have gone to market. Complete diagnostic workups of clinical respiratory disease cases are being conducted to determine the role of Avian Pneumovirus in all project flocks in both zones. As of this report, thirty three (33) field diagnostic cases have been submitted to the University of Minnesota Veterinary Diagnostic Laboratory (UM-VDL) for

evaluation and testing. Twenty-eight (28) of these are from coordinated vaccination flocks and five (5) are from comparison flocks.

#### **Avian Pneumovirus Field Eradication Project Analysis**

The field project data is being submitted to the University of Minnesota for analysis.

#### **2005-2006 Avian Pneumovirus Budget Update**

USDA funding (\$700,000) has been secured to continue the Avian Pneumovirus (APV) Eradication Project for another 12 months.

### ***Avian Influenza Response Plan***

#### **Plan Update:**

Meetings with the Minnesota poultry industry to develop the Minnesota Plan have taken place.

#### **Minnesota Plan Key Components:**

- 1. EMERGENCY MANAGEMENT COMMITTEE (EMC)**
  - a. The Minnesota Board of Animal Health is the lead state agency.
  - b. EMC to serve as the industry advisory group to the Board for the implementation of the Minnesota H5/H7 LPAI Response Plan, also know as the "Minnesota Plan".
- 2. MINIMUM BIOSECURITY AND EMERGENCY AWARENESS PLANS**
  - a. Each NPIP participant within the commercial and breeder industry (broiler, layer, turkey) that has a written MOU with the Board will follow a standard, elevated and critical compartment biosecurity guidelines document on file with the Board that will be updated annually. In addition, each establishment may have an additional detailed biosecurity document on file with the Board.
- 3. MANAGEMENT PLANS FOR INFECTED FLOCKS**
  - a. Controlled Marketing under Board authority – no indemnity paid
  - b. Depopulation and disposal – indemnity paid
  - c. Controlled vaccination

#### **Program Future:**

Meetings with each establishment to develop final details of the Minnesota Response Plan are being conducted. The final interim rule has not been published.

#### **USDA Cooperative Agreement Funding:**

LPAI funding - \$20,000 to support active/passive surveillance or the planning/implementation of state response plans

### ***Anthrax***

Bill Hartmann reported that five beef cattle herds in three counties in northwestern Minnesota have been quarantined because of a diagnosis of Anthrax. A total of 21 head of cattle have died on these premises. None of these farms has ever been quarantined because of Anthrax in the

past. All herds were quarantined and the herds were vaccinated and treated. Staff has updated our Anthrax brochure and will work with University of Minnesota Extension Service to minimize the impact of Anthrax next year by encouraging producers to vaccinate their cattle in the spring.

***Proposal***

John Whitten motioned that specific legislature's be written recognition or commendation letters thanking them for their continued support of the Minnesota Board of Animal Health. Dr. Neaton seconded with all in favor. Motion passed.

***Location and Date of Next Board Meeting***

The Board will hold their next quarterly meeting at 9:30 a.m., December 13, 2005 in Hutchinson, Minnesota. A motion was made by Paul FitzSimmons, seconded by John Whitten and passed with all voting aye to adjourn at 1:45 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

## ***Minutes of the Board of Animal Health Meeting held Wednesday, January 11, 2006***

A quarterly meeting of the Minnesota Board of Animal Health was held at 9:30 a.m. on January 11, 2006 at the Orville L. Freeman Building in St. Paul. The following people were present:

**Board Members:** John Whitten, Mahesh Kumar, Steve Brake, Holly Neaton, Paul FitzSimmons.

**Staff Members:** William Hartmann, Executive Director  
Paul Anderson, Dale Lauer, Kristine Petrini, Assistant Directors  
Jessica Monson, Executive Assistant  
Dave Wiklund, NAIS Project Manager  
Barbara Troyer, Business Manager  
Linda Glaser, Senior Veterinarian  
Malissa Fritz, Communications Director  
Milan Tomaska, Information Technology Specialist

**Guests:** Mike Stine, Area Veterinarian in Charge USDA:APHIS:VS  
Jim Collins, Veterinary Diagnostic Laboratory Director  
Bill Krueger, Minnesota Department of Agriculture  
Sherry Shaw, USDA:APHIS:VS  
Judy Lewman, OPP Concerned Sheep Breeders Society  
Michelle Powell, Minnesota Department of Natural Resources.

### ***Notice of Meeting in the State Register***

Mahesh Kumar reported that the notice of this Meeting appeared in the January 2, 2006 issue of the State Register.

### ***Approval of the Minutes of the Quarterly Board Meeting on September 14, 2005***

A motion was made by Paul FitzSimmons, seconded by Holly Neaton and passed with all voting aye to approve the minutes of the September 14, 2005 Board of Animal Health quarterly meeting.

### ***Approval of agenda***

Bill Hartmann requested that some changes be made to the agenda. Kris Petrini will not be part of the bovine TB update. Kris Petrini asked to discuss recent changes to the Scrapie eradication rules and ask the Board to sign a resolution adopting the amended rules. A motion was made by John Whitten, seconded by Paul FitzSimmons, will all voting aye to approve the agenda as amended.

### ***Veterinary Diagnostic Laboratory Report***

The University of Minnesota is requesting \$1.5 million to construct a Bio-safety Level 3 (BSL-3) necropsy addition to the Veterinary Diagnostic Laboratory (VDL). The BSL-3 necropsy area will enable veterinary pathologists to perform necropsies on poultry that might be infected with highly infectious and dangerous pathogenic organisms including the 'bird flu' virus with a pandemic potential. The facility will also provide a safe environment for students and employees and will help protect livestock and poultry from devastating pathogens that might be accidentally or intentionally introduced into the food supply. The reasons for the request are as follows:

- Minnesota must prepare for potential outbreaks of highly pathogenic avian influenza virus and other zoonotic pathogens
- VDL will be called upon to be among the first responders for outbreaks of highly pathogenic avian influenza
- VDL must protect employee and student safety when working with highly pathogenic influenza and other zoonotic pathogens
- VDL is the only laboratory in MN equipped and authorized by the USDA to perform the test for highly pathogenic avian influenza in animals
- Without the additional laboratory, VDL cannot safely provide necropsy services for highly pathogenic avian influenza because the VDL necropsy facility was constructed and permitted by the USDA for use as a BSL-2 laboratory
- VDL is part of the USDA National Animal Health Laboratory Network that provides testing surge capacity in the event of avian influenza outbreaks
- VDL has the only board certified poultry veterinarian in Minnesota trained and skilled in histopathological diagnosis
- VDL recently installed a high capacity tissue digester for safe onsite disposal of highly infectious animal waste

The University of Minnesota requests the support of the Minnesota Board of Animal Health for the BSL-3 renovation. A motion to support this project was made by Holly Neaton, seconded by Paul FitzSimmons, with all voting aye.

### ***MDA/MDH Laboratory***

Bill Krueger provided an update on the new laboratory facilities constructed for the Minnesota Department of Agriculture and Minnesota Department of Health. He explained the inter-relationship of the MDA lab, MDH lab, and the VDL. He then took the attendees on a tour of the new laboratory.

### ***Ovine Progressive Pneumonia***

Judy Lewman gave a presentation regarding Ovine Progressive Pneumonia (OPP). Statistics show that 45% of flocks in Minnesota and Wisconsin are infected with the virus which causes this disease. Members of the OPP Concerned Sheep Breeder's Society have developed a Voluntary OPP test and control program which they presented at the United States Animal Health Association Committee on Sheep and Goat's at their annual meeting in November. USAHA passed a recommendation which requested that government agencies support the proposed OPP pilot project.

Ms. Lewman provided copies of this proposed OPP test and control program to Board members and asked the Board to assist with and support the pilot project. Specifically, she asked the Board to issue OPP Certificates to participating producers indicating their level of testing participation and to post this information on the Board's website. Accredited veterinarian will be responsible for certifying that the appropriate testing has been done to meet each participation Level. Dr. Petrini indicated that this level of involvement would require minimal Board staff time. A short discussion took place regarding liability issues. Holly Neaton motioned to support the voluntary OPP test and control Pilot study adding that it should be reevaluated annually. The motion was seconded by John Whitten. All said Aye. Motion carried.

### ***Bovine TB in Cattle***

Linda Glaser discussed the 5 infected herds identified. Four of the 5 have been depopulated to date. Only one quarantine had been lifted from the 5 infected herds as the other herd owners must wait for warmer weather to adequately clean and disinfect their premises. The fifth herd was awaiting approval of indemnity by the USDA. She reviewed the total number of quarantines placed as a result of the investigation tracing animal movement in and out of infected herds within the last 7 years. We have just begun the investigation of animal movement in and out of the fifth infected herd. A total of 48 quarantines had been issued with only 11 still in place, four of those are on the infected herds which have been depopulated. With the increasing activity associated with TB in Minnesota cattle, additional Board staff and USDA staff were involved in the TB investigation including staff in the main office and essentially all district veterinarians. Activities related to TB included investigating cattle movement in and out of infected herds, recertification training of accredited veterinarians, TB presentations at the U of M Extension sponsored Beef Cow/Calf Days, and the upcoming producer meetings in northern Minnesota the following week. She discussed the upcoming recertification training of accredited veterinarians and the requirement for this training in order to continue to test cattle for TB after 7/1/06.

### ***Bovine TB Surveillance in Free Ranging White-Tailed Deer.***

Michelle Powell reported on Department of Natural Resources' (DNR) activities associated with Minnesota's tuberculosis investigation. Hunter harvest surveillance of free ranging white-tailed deer was done in northwestern Minnesota after four beef cattle herds were identified infected with tuberculosis. The surveillance was done to sample deer within a 15 mile circle around the infected cattle premises. The survey was designed to detect 1% prevalence in the deer with 95% confidence. Cranial lymph nodes were sampled on 474 deer during the survey. Mycobacterium bovis was isolated from lymph nodes from one five year old buck shot one mile from the first infected herd. DNR will offer shooting permits to land owners of infected premises this winter. In addition hunter harvest surveillance will be done next fall in an expanded zone.

### ***USDA Report***

Mike Stine assured the Board members that USDA is working cooperatively with Board staff and others to eliminate tuberculosis from Minnesota. He reviewed the interstate movement requirements out of Modified Accredited Advanced states. He also reviewed indemnity funding that will be available for infected herds and traced exposed animals.

## ***Avian Influenza***

Dale Lauer presented an Avian Influenza update. On the International level the East Asian strain (H5N1) continues to be identified in poultry and humans in East Asian countries, with more recent cases in Europe. The current epizootic (Asia/Europe, 1996-2006) is the largest in 50 years. Most likely scenarios of the virus being introduced into Minnesota include illegal movement of poultry/poultry products, movement by wild birds, human infection and spread from travelers to the U.S./Minnesota or purposeful or agro terrorist introduction.

At the National level, USAHA Resolutions passed at the 2005 meeting were explained. The resolutions deal with (1) The implementation of the proposed H5/H7 LPAI program of the National Poultry Improvement Plan (NPIP); and (2) Accessibility of poultry to the outdoors. A surveillance program proposed by the National Chicken Council is moving ahead due to the slow progress of the NPIP program. In Minnesota it was noted that the Governor's Influenza Summit held December 14, 2005 focused on human pandemic influenza. The Minnesota Department of Health has now joined the planning process of the Minnesota H5/H7 Response Plan. A LPAI/HPAI Exercise involving State agencies is being planned. Surveillance of commercial poultry has increased with Board coordination and support. Non-commercial poultry surveillance efforts have focused on identification of poultry premises and industry education in Minnesota.

A recommendation was presented to the Board for consideration. A brief summary follows:

- (1) The Board recommends USDA to approve the proposed NPIP Avian Influenza Control Program for commercial poultry as an interim final rule as soon as possible.
  - (2) The Board recommends USDA to influence the National Organic Program (NOP) to change to section 205.239, a, 1 of the NOP regulations by eliminating the words "Access to the outdoors" as a requirement for production of USDA certified organic poultry.
  - (3) The Board recommends that Minnesota poultry producers establish and maintain livestock living conditions that do not include access to the outdoors (range poultry production). It further discourages the direct access of commercial and non-commercial domestic poultry to the outdoors as this is a practice which is a deterrent to the prevention of avian influenza (AI) exposure. In the event of the detection of highly pathogenic avian influenza in birds in the United States, then direct access of poultry in Minnesota to the outdoors should be prohibited.
- A motion was made by Mahesh Kumar, seconded by Steve Brake with all voting aye to accept the recommendations as presented.

## ***Scrapie Rules***

Kris Petrini discussed a minor change that was made to the proposed Scrapie eradication rules. In response to a concern raised by a goat producer that the original version of the public exhibition of livestock and poultry rule would prohibit the exhibition of goats that were in estrus, the rule was amended by dropping language which prohibited the exhibition of sheep or goats with a vaginal discharge. She requested the Board sign a resolution adopting the Scrapie eradication rules, the associated rules regarding the importation of sheep and goats, and the amended rules concerning the public exhibition of livestock and poultry. A motion was made by Paul FitzSimmons and seconded by Steve Brake to sign the Resolution Adopting the Rules with all voting aye. A copy of the Resolution signed by Mahesh Kumar and John Whitten is attached to these minutes.

### ***National Animal ID and bovine TB***

Dave Wiklund discussed the need for extensive changes to the Board's rules to allow for implementation of the National Animal Identification System. In addition there is a need to update our rules for bovine tuberculosis. The following rules will need to be amended:

- Importation of Cattle
- Bovine Tuberculosis
- Auction Markets and Other Sales
- State-Federal Approved Markets for Cattle
- Public Stockyards

A motion was made by John Whitten, seconded by Holly Neaton with all voting aye to sign an authorizing resolution to amend these rules.

### ***Canadian Cattle Import Update***

Bill Hartmann reported that as of the date of the meeting, over 16,000 animals had been imported to 21 feedlots in Minnesota

### ***Location and Date of Next Board Meeting***

The Board will hold their next quarterly meeting at 9:30 a.m., April 12, 2006 in St. Paul, MN. A motion was made by Paul FitzSimmons, seconded by Steve Brake and passed with all voting aye to adjourn at 2:45 p.m.

Respectfully submitted,



William L. Hartmann  
Executive Director

**Minnesota Board of Animal Health**

**CERTIFICATE OF THE BOARD OF ANIMAL HEALTH; AUTHORIZING  
RESOLUTION**

**Proposed Amendment to Rules Governing Importation of Cattle, Bovine Tuberculosis,  
Auction Markets and Other Sales, State-Federal Approved Markets for Cattle and Public  
Stockyards, Minnesota Rules, 1700.0100 – 1700.1500, 1705.0840 – 1705.1080, 1715.0200 –  
1715.0580, 1715.0780 - 1715.1260, 1715.1270 -1715.1480.**

I, Dr. Mahesh Kumar, do hereby certify that I am a member and the President of the Board Of the Board of Animal Health, a board duly authorized under the laws of the State of Minnesota, and that the following is a true, complete, and correct copy of a resolution adopted at a meeting of the Board of Animal Health, duly and properly called and held on the eleventh day of January, 2006, that a quorum was present, and that a majority of those present voted for the resolution which has not been rescinded or modified.


“RESOLVED, that Dr. William Hartmann, the Executive Director of the Board of Animal Health, is hereby granted the authority and directed to sign and to give the Notice of the Board’ s Intent To Adopt Rules using Alternate Notices of whether a hearing will be held governing importation of cattle, sale of cattle and bovine tuberculosis to all persons who have registered their names with the Board for that purpose and publish the Notice and rules in the State Register, and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are fewer than 25 outstanding hearing requests, Dr. William Hartmann, the Executive Director of the Board of Animal Health, is hereby granted the authority and directed to sign the Order Adopting Rules and to perform any and all acts incidental thereto.”

“FURTHER RESOLVED, that, if there are 25 or more outstanding hearing requests, William Hartmann, the Executive Director of the Board of Animal Health, is hereby granted the authority and directed to act as the Board’ s representative at the hearing and to perform any and all acts incidental thereto.”

IN WITNESS WHEREOF, I have hereunto subscribed my name.

January 11, 2006

  
\_\_\_\_\_  
Dr. Mahesh Kumar  
President Minnesota Board of Animal Health

  
\_\_\_\_\_  
Signature of Attesting Board Member

JOHN P WHITTEN DVM  
\_\_\_\_\_  
Printed Name of Attesting Board Member