

University of Minnesota
Department of Animal Science
305 Haecker Hall
1364 Eckles Avenue
St. Paul, MN 55108-6118



2003 Research Review for **Decision Makers in Turkey Production**



**March 18, 2003
Touchstone Energy Place
RiverCentre
St. Paul, Minnesota**

Sponsors:
University of Minnesota
Department of Animal Science
Department of Veterinary Pathobiology
Minnesota Extension Service
Minnesota Turkey Growers Association

MEETING ANNOUNCEMENT

Using intensive presentations, this program will enable you to incorporate the benefits of current research information into your production system.

Producers, breeder and growout farm managers, veterinarians, nutritionists, and others as interested are encouraged to attend. This will be an excellent opportunity for you to meet with researchers from the University of Minnesota, ask detailed questions about past and current research, and provide input into future research directions.

As producers, you have provided money for this research through your check-off program. Now reap the benefits of your investment, and learn about the results!!

For further information, contact Sally Noll or David Halvorson at the phone numbers listed below.

Please return your registration form before **March 10th** so that we can reserve enough lunch for all of the participants.

David A. Halvorson
Extension Veterinarian – Avian Health
(612) 625-5292

Sally L. Noll
Extension Animal Scientist – Turkeys
(612) 624-4928

The University of Minnesota, including the University of Minnesota Extension Service, is committed to the policy that all persons shall have equal access to its programs, facilities, and employment without regard to race, religion, color, sex, national origin, handicap, age, veteran status, or sexual orientation. University of Minnesota, U.S. Department of Agriculture, and Minnesota Counties Cooperating.

PROGRAM SCHEDULE

REGISTRATION (ROOMS 8 & 9) 9:00 A.M.

MORNING PROGRAM 10:00 A.M.

Establishment of an Avian Pneumovirus (APV) Infection Model
Dave Halvorson

Further Epidemiological Studies on Suspected APV Vectors and APV Persistence
K.V. Nagaraja

Generation of Deletion Mutant and Recombinant Vaccines for APV
M. Kariuki Njenga

Vaccination Strategies Against APV
Sagar Goyal

Pathogenesis and Control of Respiratory Viruses of Turkeys
Jagdev Sharma

Diets for Heavy Toms- Utilization of Distiller Dried Grains with Solubles and Threonine
Sally Noll

LUNCH

AFTERNOON PROGRAM 12:30 P.M.

Soluble Vitamin E and Sodium Salicylate (Uni-Sol)TM and *E. coli* Infection
G.R. Huff*

Light Intensity and Wavelength and Breeder Hen Reproductive Performance
M.E. El Halawani

Turkey Genomics at the University of Minnesota
Kent Reed*

Immortalization of Turkey Cells as Substrates for APV Propagation and Vaccine Production
Doug Foster

Recombinant Vaccines for Avian Respiratory Pathogens
Vivek Kapur

*Guest speakers.....

Registration Form

2003 RESEARCH REVIEW FOR DECISION MAKERS IN TURKEY PRODUCTION
(Pre-Registration Required)

Name(s) _____

Company name _____

Street and/or Box No. _____

Address _____

City

State

Zip

Registration fee per person (lunch included): \$25.00. Make check payable to the **Minnesota Turkey Council**. **Return by March 10th to: Minnesota Turkey Council, 108 Marty Drive, Buffalo, MN 55313.** IF YOU HAVE ALREADY PRE-REGISTERED FOR THE RESEARCH REVIEW USING THE REGISTRATION FORM FOR THE MIDWEST POULTRY FEDERATION CONVENTION, YOU DO NOT HAVE TO REGISTER AGAIN.

Amount enclosed \$ _____

For program information contact: Sally Noll, University of Minnesota Extension Service, 612-624-4928 (Office); 612-625-5789 (Fax); e-mail nollx001@umn.edu