

North Carolina Poultry Industry Joint Area Newsletter

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2009 NC Broiler Supervisor's Short Course

Edgar O. Oviedo-Rondón, DVM, PhD., Dipl. ACPV. Extension Broiler Specialist

On August 20, the service tech personnel from the main integrator broiler companies with business in North Carolina participated in the 2009 NC Broiler Supervisor's Short Course. This is an annual event that has been held at the McSwain Extension Center in Sanford, North Carolina. This year the program included talks related to alarm systems and auto start generators for disaster prevention in broiler houses; value of ventilation for high yield broilers; processing plant issues and its relationship with management and handling of broilers; feed quality at the farm and impact on broiler performance; tips and considerations for successful farm vaccination; litter management, and windrowing systems for litter management. The panel of speakers included Mr. Richard Currin from NC State University Field Laboratories, Mr. John Blakely from Aviagen Inc., Dr. Doug Smith and Dr. Charles Stark from the Department of Poultry Science at NC State University, Dr. Andy McRee from Lohmann Animal Health International, Mr. Blake Gibson from Jones-Hamilton Co., and Mr. Alvaro Villaveces from NIPCAM Inc. More details and the proceedings of this event are available in the following website:

http://www.ces.ncsu.edu/depts/poulsci/supervisors_shortcourse.html

During the same event the 2009 Broiler Service Persons Awards were announced. This award is a recognition of the Integrator Companies, the NC

Poultry Federation, and NC State University to those individuals that have done an outstanding service for the Companies and their growers in the previous year. The awardees this year were: Derick Creech and Preston Jernigan from Perdue in Ahoskie; Becky Caulder from Perdue Farms Inc.; Bryan Price from Perdue Farms Inc. in Dillon; Jonas Asbill and Michael Bowers from Mountaire Farms Inc.; Dan Napier from Tyson Foods Inc.; Tommy Harris from Pilgrim's Pride Inc. in Sanford; Matthew Lane from Wayne Farms Inc. in Elkin; and Roy E. Loflin from Townsends Inc. in Siler City. The following is a picture of the recipients in 2008 with Dr. Mike Wineland, Departmental Extension Leader and Dr. Edgar Oviedo, Broiler Extension Specialist.



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North Carolina State University and North Carolina A&T State University commit themselves to positive action to secure equal opportunity regardless of race, color, creed, national origin, religion, sex, age, veteran status or disability. In addition, the two Universities welcome all persons without regard to sexual orientation.

Poultry Youth Programs Update

Melissa Scherpereel, Poultry Science Extension



Poultry Presentations and Judging at NC Annual 4-H Congress

We had a great time at the Centennial 4-H Annual Congress and poultry was well represented. 4hers competed in numerous poultry categories including; poultry judging, egg cookery, turkey barbecue, chicken barbecue and poultry presentations. We had a record number of contestants compete in poultry judging this year with a total of 57 youth, up from 38 last year and 19 the previous year. There were 12 teams competing along with 11 individuals representing 13 counties across our state. This is truly outstanding and we hope that our numbers continue to grow!

The winning junior poultry judging team was from Henderson County. Team members included; Gideon Worrell, Chloe Gilbert, Sarah Musselwhite and Rachel Ray, coached by Ranae Worrell. The top scoring junior overall was Sophie Gilbert. The senior judging team came from Stanly County and will represent North Carolina at the National 4-H Poultry and Egg Conference in Louisville, Kentucky this November. Team members included; Samantha Talley, Angela Harvell, Brandy Cleveland, and Kayla Cascio. The Judging contests were sponsored by the NC Poultry Federation and the NC Breeder Hatchery Association. All team members received a \$37.50 cash prize and gold medals. For more information on poultry judging, please visit <http://www.ces.ncsu.edu/depts/poulsci/4h/poultryjudging/congress.html>

Evelyn Monroe of Robbins, NC won the chicken barbecue cooking competition and Ann Margaret

Deitrich of Raleigh won the turkey barbecue competition for 14 – 18 year olds. Daniel Zika of Statesville, NC won the egg cookery demonstration. All three winners received a \$37.50 award and a trip to the National 4-H Poultry and Egg Conference to compete representing NC. Thank you to our contest sponsors, the NC Poultry Federation and the NC Egg Association. If your company would be interested in sponsoring one of these contests, please contact me for more information about sponsorship opportunities. We need monetary assistance as well as product donations for the barbecue contest. For more information on annual congress presentations, please visit <http://www.ces.ncsu.edu/depts/poulsci/4h/congress/presentations.html>

Annual Poultry Poster Contest

Now in our third year, the Poultry Poster Contest is continuing to grow in popularity. This year's theme was "Wild and Wacky Waterfowl" and we had some really unique entries using this theme. Counties held their own competitions and submitted the county winners to the State contest by July 31st as usual. Congratulations to our 2009 State winners!

Division 1 – (Ages 9 and 10) Gold - Lacie Steffensen – Warren County, Silver - Jameson Bergstedt – Pitt County, Bronze - Carlie Spires – Guilford County. Division 2 – (Ages 11 to 13) Gold - Elizabeth Clendenin – Yadkin County, Silver - Jenna Ross – Buncombe County, Bronze - Rachel Pearson – Pitt County. Division 3 – (Ages 14 to 19) Gold - Sara-Ann Pate – Johnston County, Silver - Ashten Bergstedt – Pitt County, Bronze - Michael Atkins Jr – Wayne County. Gold winners will receive \$50 cash, Silver receive \$35 and Bronze \$25,

A special "thank you" to our sponsors, the NC Poultry Federation and the US Poultry and Egg Association. Be sure and visit our website about how to enter next year's contest. Counties can conduct their contest at anytime during the year. Posters will always be due to our office in Poultry Science late July for State judging.

NC State Fair Youth Market Turkey Show

Over 300 youth across North Carolina received turkey poultts from the Department of Poultry Science in late May. As always, advance registration was required and the contest is so popular that in less than 48 hours we had filled all 300 spots and began a waiting list! Poultts were donated for the 2009 show by Prestage Farms and we thank them for their continued support of this popular program. This year we will be having a Hen show instead of a Tom show on Oct. 16th at the NC State Fair due to a disease problem in the first week with our toms. We are expecting a slightly smaller show than the last two years which had over 200 youth bring full grown birds back. Not everyone was available to come and get the hen poultts in June when we did our redistribution but we are so happy that we were able to get additional poultts and to keep the show going this year. Youth will bring their best Hen to the fair on Wednesday Oct. 14th for check-in. They will need to bring their "green receipt" with them for proof of registration and to make everything flow much smoother. Check in takes less than 5 minutes as we simply band the bird, record the weight and file the paperwork. Agents, teachers or parents may check birds in on the contestant's behalf if they are unable to make it. We will be checking in birds from 10:00 until 6:00 p.m. on Wednesday the 14th at the poultry tent and then will create our classes by age for the show that will begin on Friday at 9:00 a.m. If you would like to know more about our turkey show, please visit

<http://www.ces.ncsu.edu/depts/poulsci/4h/turkeys/how/turkeyshow.html>

Also, if you are interested in participating in 2010, registration will be posted on March 1, 2010 and we will close when we reach 300 youth.

Poultry Science Summer Institute another HUGE Success!

Our annual poultry science summer institute for high school students was held in early August and was yet again, a huge success. Twenty rising 11th and 12th graders were selected through a competitive application process to attend the 4 day workshop in the Department of Poultry

Science at NC State. Applications are available online and can be submitted anytime at <http://www.ces.ncsu.edu/depts/poulsci/4h/summerinstitute/institute.html>. The conference is always the first week of August here at NC State and we welcome any teachers or extension agents that would like to attend. We are very excited that we have numerous alums of the "PSSI" that are now here in poultry science as students in both our undergraduate and agricultural institute programs. The camp is sponsored by the US Poultry and Egg Association, the NC Cooperative Extension Service, and the Department of Poultry Science at NC State University.

As always, check our website for all of these youth programs and more at www.poultry4h.info or contact Melissa Scherpereel at 919-515-5403.



New Guidelines on Mass Mortality

Composting

(coauthored by Becky Ceartas, Dan Campeau,
Sarah Mason)

In a September 2008 article "Developing a Farm Plan for a Mass Poultry Mortality" we discussed all of the options for contract poultry growers for disposing of mass mortalities. One of the options is to compost a mass mortality. If a grower has a full house of chickens die, he/she will either have to compost it inside of the house or outside of the house in windrows. The State Veterinarian's office recently developed a policy on how a grower can compost a mass mortality outside and the process for getting it approved.

Below is the actual policy that was issued on March 27, 2009 by the State Veterinarians office.

Alternative open composting of large numbers of carcasses following an emergency mortality event may be allowed if permitted by the State Veterinarian's office. Permission for windrow or static pile composting may be allowed under the following conditions:

1. Open composting must be conducted in accordance with Natural Resources Conservation Service (NRCS) Conservation Practice Standard Code 316; Animal Mortality Facility (attached) and also available at <http://efotg.nrcs.usda.gov/references/public/NC/nc316-nov2005.pdf>.
2. A suitable site is chosen for the composting that meets all federal, state and local rules and regulations for buffering the site from streams, lakes, wetlands, property lines and other features. The site must be no closer than 100 feet from wells, springs or water courses, and a minimum of 300 feet from neighboring residences. It must be 100 feet from all property lines. Considering the prevailing winds in the area, the site should be located downwind from populated areas. It should not be located within a 100 year floodplain. In addition, it should be located on a well drained site. It is recommended that the owner should work with NC Department of Environment and Natural Resources (DENR) or the Natural Resources Conservation Service (NRCS) to preselect a site that would be suitable in the event of catastrophic mortality. Available space should allow an area 30 feet wide, variable in length and including a staging area for equipment.
3. If open composting is permitted by the State Veterinarian's office, the compost product must be spread on the owner's property or property associated with the owner's farming operations.
4. The windrow or pile must be constructed in such a way as to control excessive odors and prevent rodent, vermin or insect activity. The pile or windrow should be capped with at least a 2 foot layer of wood chips, sawdust or other carbon source and have an 18 inch to 2 foot base of similar material.

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