



UNL POULTRY NEWS

Upcoming Activities:

FFA Virtual Convention—Poultry Judging Contest, March 29, 2021

Midwest Poultry Federation Virtual Convention—May 18-21, 2021

NPI Scholarship Winners 2021

Taylor Schubauer – Gibbon, NE, Freshman

Emmi Dearmont – Hickman, NE, Freshman

Kate Mohr – Genoa, NE, Junior

Asha Scheideler – Scotia, NE, Post-Grad

Caley Ellington – Fremont, NE, Post-Grad

Newsletter Editor

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Urban Embryology Program

Brett Kreifels, 4-H Extension Educator, Douglas-Sarpy Counties

Out of all the programs that is offered by the Douglas-Sarpy 4-H Program, none of them have as much of a profound affect on the students and teachers than the 4-H Embryology Program. As someone who hatches hundreds of chicks a year of my own, I guess I take for granted the impact the art and science of incubating, hatching and caring for chicks has on youth and teachers who ordinarily wouldn't have this opportunity ever.

The Douglas-Sarpy 4-H Program and many other 4-H Programs in Nebraska take part in the 4-H Embryology program. Many if not all, primarily focus on elementary school youth as many of these schools request this experience. However, very few programs focus on youth learners in middle school or high school. So, when our program was approached by the Omaha Public Schools Science coaches to provide this experience to 6th grade youth in the district, needless to say, both our 4-H program and the OPS District were extremely excited to create a partnership for this program.

With the financial assistance from the Nebraska Poultry & Egg Division Board (PED), the Douglas-Sarpy 4-H and OPS created this unique opportunity and introduced urban youth to the science of embryo development which incorporated perfectly with the Nebraska State Science Standards. Additionally, youth were able to see and touch a chicken; an opportunity that isn't always available to youth in the City of Omaha.

In January, 25 incubators as well as 1 dozen fertilized eggs per incubator were delivered to OPS Middle Schools in Omaha. Unlike a normal year where our 4-H Staff would be in the classrooms teaching about embryology and assisting with candling and troubleshooting, all of the instruction was recorded and sent to the teachers. Candling demonstrations were also recorded

which the teachers used to replicate their own candling sessions in the classroom.

Teachers and students were able to observe the development of the chicks and made observations along the way; monitoring the embryo development from Day 1 to Day 21. As one teacher put it, the program and the curriculum worked perfectly together. She noted the kids were extremely excited to watch the development of the chicks and even more excited to see the eggs hatch!

At the conclusion of the program in mid-February, over 1,300 OPS 6th graders experienced the science of embryology in their classrooms! OPS Administration and teachers were thoroughly impressed with the project and have committed to providing this experience for even more 6th grade youth for the next few years!



Easter Egg Safety Tips

<https://www.foodsafetynews.com/2011/04/a-dozen-egg-safety-tips-for-easter/>

1. Eggs should be refrigerated at 40°F or cooler before and after coloring.
2. If eggs are set out for decorations or used for egg hunts they may no longer be safe to eat, especially if handled by many little hands and not kept cool. Standard guidelines are no more than 2 hrs unrefrigerated.
3. Make sure all handlers wash their hands before coloring and decorating eggs
4. Older boiled eggs peel most easily.
5. Quick boiling egg tips: Place eggs in a saucepan, add water to cover eggs by 1 inch and a teaspoon of vinegar for better coloring after cooked. Cover pan and bring to boil for 2 minutes, turn off heat and let eggs stand off burner for 10 minutes. Then rinse with cool water and place in refrigerator.
6. Eggs can be stored safely in refrigerator for 1 week. Do not peel the eggs and then refrigerate as they are more prone to bacteria contamination from other stored foods in the refrigerator.
7. Consider 2 sets of eggs, one for decorating and eating and another for the Easter Egg hunt fun.



Egg Nutrition Facts

Each large size egg contains: 6 Grams Protein, .6 g Carbs, 5 Grams Fat, Vitamins A, D, E, B-6 and Ca, Mg, Fe and Coalbumin



UNL Poultry Interest Team Contacts

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