



ANIMAL SCIENCE

Institute of Agriculture and Natural Resources

# UNL POULTRY NEWS

## Upcoming Activities:

Nebraska State Fair 4-H Poultry, Aug. 26, 2023

Nebraska State Fair 4-H Chicken BBQ, Aug. 27, 2023

Summer, 2023

## Newsletter Editor:

Sheila Purdum, Extension Poultry Specialist, University of Nebraska, Animal Science Department

[spurdum2@unl.edu](mailto:spurdum2@unl.edu)

## 2023 4-H Poultry Judging—Results

### Top 5 Individuals

1. Noah Jelinek, Lancaster County
2. Jacob Wood, Otoe County
3. Rachel Spawn, Platte County
4. Jason Prososki, Douglas/Sarpy County
5. Kyptan Scheideler, Valley County

### Top Teams

1. Saunders County - Anne Nygren, Hannah Strizek, Joseph Ondracek and Tony Ondracek
2. Lancaster County—Catherine Polk, Claire Polk, Noah Jelinek and Lilee Chevalier



The price of broilers has been steadily declining in 2023 compared to the very high prices seen in 2022. This is due to several factors including fewer cases of bird flu in 2023 and a decline in feed prices. This trend is also apparent in the whole egg market.

**Monthly average national composite whole sale whole broiler price, 2018–2023, and 2023 quarterly averages, actual and projected**



Note: Values in boxes are actual and projected quarterly average prices.

Source: USDA Agricultural Marketing Service and USDA World Agricultural Supply and Demand Estimates.

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***It's fair time and your poultry project needs help to get thru a Heat Advisory at the fair, what can you do??***

Ventilate your birds well with fans

Freshen their water supply with Cool water 2-3X a day (especially waterfowl)

Spray/mist the birds with cool water during the worst times (but don't soak the birds)

Broilers and heavy fowl are the most susceptible, feed during the evening hrs and don't handle excessively,

Judge birds in cages if heavy and panting, handling adds stress!

## Scientific Presentations by UNL Faculty and Graduate Students, Summer 2023

Nolasco E, Rose, D., Majumder, K. Understanding the role of the gastrointestinal microbiota in modulating the anti-hypertensive effect of egg white hydrolysate. IFT FIRST Annual Meeting & Expo 2023, Nutraceutical and Functional Foods (NFF) Division, July 2023

Nolasco E, Baraka E. Yang J, Ciftci N. O, Majumder K (2023) In-vitro bio-accessibility and antioxidant activity of commercial standard and enriched whole egg compounds influenced by production and domestic cooking practices. Food Chemistry (In press), doi: 10.1016/j.foodchem.2023.136948

Bigge, A., K. Hanford and S. Purdum 2023. Determination of sex before hatch using electrocardiogram and other incubation parameters. Presented at The Poultry Science Association Annual Meeting, July, Philadelphia, PA.

Donald L. Reynolds and E. Barry Simpson. Assessing the Innate Immune Response in Chickens. Presented as oral presentation. In: The proceeding of The Western Poultry Disease Conference - Association of Poultry Science Specialists (ANECA) International meeting. March 13-15th, 2023. Sacramento, CA. Pp. 156 – 157.

Donald L. Reynolds and E. Barry Simpson. Investigating Decreased Hatchability Caused by *Enterococcus faecalis*. Oral presentation. Abstract in proceedings of the 74th North Central Avian Disease Conference, Minneapolis, MN. April 10 – 11, 2023. P31.

### **UNL Poultry Interest Team Contacts**

Animal Science Dept:	Sheila Purdum, Ph.D. (Co-Leader) Gary Sullivan, Ph.D. Mary Beck, Ph.D. (Emeriti) Ruth Wiowode, Ph.D. Yijie Xiong, Ph.D.
Veterinary Science:	Don Reynolds, DVM (Co-Leader) Roberto Cortinas, DVM
Food Science:	Kaustav Majumder, Ph.D. Byron Chaves, Ph.D. Bing Wang, Ph.D.
Ag.Engineering:	Rick Stowell, Ph.D Amy Schmidt, Ph.D. Tami Brown-Brandl, Ph.D.
Extension Educator:	Brett Kreifels, M.S.

