



Colorado Science and Engineering Fair

2024 Individual Project Abstract Form

Please print 2 copies of the completed form. Sign both copies, keep 1 for your notebook and submit 1 copy to your Regional Fair Director with your other paperwork.

Title of Project: Bedding!!

Finalist's Name: Bayley Frazier

School and City: West Grand High School, Kremmling CO

Sponsor's Name: Emmylou Harmon

Category: Animal Sciences (ANIM)

Division: Senior (9th - 12th grades)

Abstract (250 words or less):

The purpose of this project was to determine which type of bedding would give the most eggs in the winter. My hypothesis was that shavings would have the most eggs.

This experiment involved finding ten nesting boxes and placing three different types of nesting bedding in them one at a time. I placed the bedding in the nesting boxes and recorded how many eggs were in the nesting boxes at the times of 11am and 7pm. Then I did the same with the other bedding.

The data that I collected did support my hypothesis. My hypothesis was correct and shavings had the most eggs in the winter.

These findings lead me to believe that if I had a chicken farm just for eggs that I would use shavings in the winter to get more eggs. I would use hay in the winter to get less eggs if I didn't have many buyers and I had too many eggs. I would use sand if I didn't have any sellers and I don't eat eggs each day. Only a couple a week.

I hereby certify that the above statements are correct and the information provided in the Abstract is the result of one year's research. I also attest that the above properly reflects my own work.

Finalist's Signature:

Date:

In addition, all students must complete the ISEF Student Checklist (1A), Research Plan, Approval Form (1B), and Checklist for Adult Sponsor (1), and any other ISEF forms required for this type of project. See the International Rules and Guidelines for form requirements. Return COPIES of all of these forms to your Regional Fair Director with your Finalist Verification/Permission Form. A signed copy of this form must be included in your notebook.