



2021

New Mexico State Fair Agricultural Science Fair Entry



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College of Agricultural, Consumer
and Environmental Sciences

Complete these forms, including signature of Science Teacher or Cooperative Extension Agent **BEFORE** beginning any experiment. Note all research components must be included in the research log, including the completion of these forms:

Exhibitor Legal Name:

First: _____ MI: _____ Last: _____

Date of Birth: _____ (Required)

Student Represents: 4H Club/FFA Chapter _____

- 4H
- FFA
- One-time exemption

Student Age Division:

- Junior (8 years and in 3rd grade and not over 13 years as of January 1, 2021)
- Senior (14 to 18 years as of January 1, 2021)

Address: _____

City _____ State NM Zip: _____

Phone No (____) _____

LEGIBLE E-Mail (Required) _____

Supervising AST/CEA/Teacher Name: _____

Please have all contestants complete the INDEMNITY AGREEMENT and bring with them on the day of the contest. A complete entry **MUST INCLUDE**, in addition to project submission, the documentation listed below:

- Hazardous Material Waiver
- Adult Sponsor Checklist
- Human Vertebrate Form
- Non-Human Vertebrate Form

Winners must sign a W-9 form to receive cash prizes.



Agricultural Science Fair Contest Hazardous Materials Waiver Form



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and Environmental Sciences**

Please list below all the hazardous substances used in this research. Include all safety precautions to be taken and the proper disposal procedures:

The applicant, by signing below, agrees to the regulations included regarding the use of hazardous materials. I certify that I will follow the above listed safety precautions and disposal procedures.

Student Signature

Date

Supervising Adult Signature

Date



Agricultural Science Fair Contest Human Vertebrate Form



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and Environmental Sciences**

Exhibitor Legal Name:

First: _____ MI: _____ Last: _____

Recognizing that human beings are vertebrate animals and yet need different criteria than nonhuman vertebrates, the following policies will govern the use of human beings:

1. No projects involving human cultures of any type (mouth, throat, skin, or otherwise) are allowed. However, tissue cultures purchased from reputable biological supply houses or research facilities are suitable for student researcher(s) use.
2. Projects that involve taste, color, texture or any other choice are allowed, but are limited to preference only. Quantities of normal food and non-alcoholic beverages are limited to normal serving amounts or less. No project may use drugs, food or beverages in order to measure their effect on a person.
3. The only human blood that may be used must be obtained from either a blood bank, hospital, or laboratory. No blood may be drawn by any person or from any person specifically for an Agricultural Science project. This rule does not preclude student researcher making use of the data collected from blood tests not made exclusively for an Agricultural Science project.
4. Psychological, educational, and opinion studies are allowed. Projects that involve learning, ESP, motivation, hearing and vision are also permitted (examples might include surveys, questionnaires, tests, etc.)
5. Data/record review studies in which the data is taken from preexisting data sets that are publically available and/or published and do not involve any interaction with humans or the collection of any data from a human participant for the purpose of the research project are allowed.
6. No project will be allowed that is in violation of these rules. No person may perform any experiment for student researcher that violates any of the rules.

In the space below, briefly describe the use of humans in your project.

The signatures of the student and the CEA/AST/Supervisory Adult indicate this project conforms to the above rules.

STUDENT NAME (printed): _____

STUDENT'S SIGNATURE: _____

SUPERVISING ADULT: _____



Agricultural Science Fair Contest

Non-Human Vertebrate Form



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**College of Agricultural, Consumer
and Environmental Sciences**

Exhibitor Legal Name:

First: _____ MI: _____ Last: _____.

These rules are strictly enforced. Students and advisors using non-human vertebrates in their project must complete this form. The signature of the student and the advisor indicate the project was done within the rules and regulations of the New Mexico State Fair Agricultural Science (AgriScience) rules and guidelines in accordance with the use of non-human vertebrate.

1. The use of vertebrate animals in AgriScience projects is allowable under the conditions and rules below. Vertebrate animals are defined as:
 - a. Live, nonhuman vertebrate mammalian embryos or fetuses.
 - b. Tadpoles.
 - c. Bird and reptile eggs within three days (72 hours) of hatching.
 - d. All other non-human vertebrates (including fish) at hatching or birth.
2. Vertebrate animal studies may be conducted at a home, school, farm, ranch, in the field, etc. This includes:
 - a. Studies of animals in their natural environment.
 - b. Studies of animals in zoological parks.
 - c. Studies of livestock that use standard agricultural practices.
 - d. Studies of fish that use standard aquaculture practices.
3. Intrusive techniques used cannot exceed momentary pain and must comply with commonly accepted agriculture and livestock management procedures.
4. Student researcher(s) are prohibited from designing or participating in an experiment associated with the following types of studies on vertebrate animals:
 - a. Induced toxicity studies with known toxic substances that could cause pain, distress or death, including but not limited to alcohol, acid rain, harmful chemicals or heavy metals.
 - b. Behavioral experiments using conditioning with aversive stimuli, mother/infant separation or induced helplessness.
 - c. Studies of pain.
 - d. Predator/vertebrate prey experiments.
5. Food and water cannot be used or withheld for more than 24 hours for maze running and other learning or conditioning activities.
6. The student researcher(s) and advisor have the responsibility to see that animals are properly cared for in a well-ventilated, lighted and warm location with adequate food, water and sanitary conditions. Care must be taken to see that organisms are properly cared for during weekends and vacation periods.
7. Livestock or fish raised for food using standard agricultural/aquacultural production practices may be euthanized by a qualified adult for carcass evaluation.
8. No vertebrate animal deaths due to the experimental procedures are permitted in any group or subgroup.
 - a. Studies that are designed or anticipated to cause vertebrate animal death are prohibited.
 - b. Any death that occurs must be investigated by a veterinarian or another professional qualified to determine if the cause of death was incidental or due to the experimental procedures. The project must be suspended until the cause is determined and then the results must be documented in writing. c. If death was the result of the experimental procedure, the study must be terminated, and the study will not qualify for the New Mexico State Fair AgriScience Fair.
9. Projects that involve behavioral studies or newly hatched chickens or other birds will be allowed, provided no change has been made in the normal incubation and hatching of the organism and all vertebrate rules are followed.



Agricultural Science Fair Contest Non-Human Vertebrate Form



Exhibitor Legal Name:

First: _____ MI: _____ Last: _____.

The student and supervising adult must make sure that research project complies will all of the rules of the New Mexico State Fair AgriScience contest as well as all applicable State and Federal regulations on the humane treatment of non-human vertebrates. Potential resources include but are not limited to:

- **Federal Animal Welfare Regulation** (<https://www.govinfo.gov/content/pkg/CFR-2013-title9-vol1/xml/CFR-2013-title9-vol1-chap1-subchapA.xml>)
- **Guide for the Care and Use of Laboratory Animals** (<https://grants.nih.gov/grants/olaw/Guide-for-the-Care-and-use-of-laboratory-animals.pdf>)
- **Guide for the Care and Use of Agricultural Animals in Agricultural Research and Teaching** (https://www.asas.org/docs/default-source/default-document-library/ag_guide_3rded.pdf?sfvrsn=4)
- **Quality Assurance Manuals for appropriate species**

In the space below, briefly describe the use of vertebrate animals in your project and provide validation for ethical treatment. Use the back of the page if additional space is needed.

The signatures of the student and the CEA/AST/Supervisory Adult indicate this project conforms to the above rules.

STUDENT NAME (printed): _____

STUDENT'S SIGNATURE: _____

SUPERVISING ADULT: _____



NMSF Agricultural Science Fair Contest

Release of Liability and Indemnity Agreement

Exhibitor Legal Name:

First: _____ MI: _____ Last: _____

Part I As valid consideration for entry into and participation in activities (the "Activities") with New Mexico State Fair ("NMSF"), the undersigned hereby enter into this RELEASE OF LIABILITY AND INDEMNITY AGREEMENT/ DRUG CERTIFICATION FORM (this "Agreement").

1. **INVITATIONAL SHOW:** The NMSF is an invitational show, and the NMSF reserves the right to extend or withhold an invitation to any Exhibitor or Contestant.

2. **ACKNOWLEDGMENT OF RISKS:** The undersigned recognize and understand there are risks associated with entry into and participation in the Activities including, but not limited to, bodily injury or death, and damage to property or privacy rights. The undersigned further acknowledge that they will be liable for all damage to persons, livestock, or property that is caused by them or any persons (including, but not limited to, minors) under their care and control, and that arise out of, or are related to, the undersigned's entry into and participation in the Activities.

3. **RELEASE FROM LIABILITY:** The undersigned hereby RELEASE, ACQUIT AND FOREVER DISCHARGE NMSF, its subsidiaries and affiliates and its and their present and former directors, officers, employees, agents, volunteers, and representatives and the respective heirs, administrators, executors, successors and assigns (collectively, the "NMSF Parties" or individually, an "NMSF Party") from any and all claims, causes of action, suits, demands, settlements, judgments and/or expenses (including, but not limited to, reasonable attorneys' fees) for personal injury, death and/or property damage, accrued or to accrue in the future, known or unknown, (collectively, "Claims") relating to or arising out of any negligent acts in connection with his/her entry into and participation in the Activities, including but not limited to the NEGLIGENCE ACTIONS OF THE NMSF PARTIES, REGARDLESS OF WHETHER SUCH NEGLIGENCE WAS THE SOLE, PROXIMATE OR PRODUCING CAUSE OF THE CLAIMS. Without limiting the foregoing, the undersigned agree that the NMSF Parties shall not be liable to him/her, his/her family, heirs, administrators, executors or assigns for Claims arising from or related to the undersigned's entry into and participation in the Activities.

4. **AGREEMENT TO INDEMNIFY AND HOLD HARMLESS:** THE UNDERSIGNED AGREE TO DEFEND, INDEMNIFY AND HOLD HARMLESS THE NMSF PARTIES from any and all Claims, including, but not limited to, Claims resulting from THE NMSF PARTIES' OWN NEGLIGENCE, REGARDLESS OF WHETHER SUCH NEGLIGENCE WAS THE SOLE, PROXIMATE OR PRODUCING CAUSE OF THE CLAIMS; provided, however, that the duty of the undersigned to defend, indemnify and hold harmless the NMSF Parties shall extend only to Claims arising directly or indirectly from the undersigned's entry into and participation in the Activities. As used herein, "INDEMNIFY" means to agree to assume the NMSF Parties' liability as to any and all claims, causes of action, suits, demands, settlements, judgments, and/or expenses (including, but not limited to, reasonable attorneys' fees) made by, through, or under the undersigned against the NMSF Parties related to the undersigned's entry into and participation in the Activities.

5. **PHOTOGRAPH/INTERVIEW RELEASE AND INDEMNITY:** The undersigned GRANT PERMISSION to be PHOTOGRAPHED, VIDEOED, RECORDED and/or INTERVIEWED in connection with the Activities. The undersigned understand that such photographs, videos, recordings and/or interviews may be used by NMSF for television, film, video, visual, graphic, and/or printed media. The undersigned agree to RELEASE and INDEMNIFY NMSF for any Claims related to photographs, videos, recordings and/or interviews by the NMSF Parties and/or any media.

6. **NEW MEXICO LAW AND ARBITRATION:** The undersigned understand that this Agreement shall be binding on their heirs, executors, successors and assigns, that the Agreement will be governed by the laws of New Mexico, and that jurisdiction and venue for any dispute regarding this Agreement shall lie in a State Court in Bernalillo County, New Mexico. If any part of this Agreement is determined to be invalid or unenforceable, it does not affect the validity of the remainder of this Agreement. This Agreement controls notwithstanding any conflicting terms or conditions of any other agreement between the parties. The undersigned agree to these terms and conditions and acknowledge receipt of this Agreement. NMSF may require that all claims or disputes between Exhibitor and/or his/her parent or guardian and NMSF and/or its agents, officers, directors volunteers, members and assigns, in any way arising out of or related to this Agreement, shall be decided by binding arbitration administered by the American Arbitration Association ("AAA") pursuant to the Federal Arbitration Act, 9 U.S.C., 1, et seq. and in accordance with the Commercial Arbitration Rules of the AAA that are in effect at the time the demand for arbitration is filed, unless the parties mutually agree otherwise in writing. The decision of the arbitrator(s), which shall state findings of fact and conclusions of law, shall be final, conclusive and binding on the parties and judgment may be entered thereon in the District Court of Bernalillo County, New Mexico, to enforce the decision.

Part II We, the undersigned Junior Contestant and parent/guardian, certify that we have read, understand and will abide by all rules and regulations of the New Mexico State Fair. The undersigned represent that they thoroughly understand that this is a complete and final release and indemnity agreement, that they are voluntarily entering into this Agreement and that no representations, promises or statements made by any NMSF Party or any agent, attorney or other representative of any NMSF Party has influenced the undersigned in causing them to sign this Agreement.

Signature – Contestant: _____ Date: _____ Name Printed: _____

If the person on whose behalf this Agreement is being executed is a minor, a parent or legal guardian must also execute this agreement.

Signature – Parent/Guardian: _____ Date: _____ Name Printed: _____

Relationship to Minor: _____ Name of 4H or FFA Chapter: _____



NMSF Agricultural Science Fair Contest Adult Sponsor Checklist

On behalf of the exhibitor listed below:

Exhibitor Legal Name:

First: _____ MI: _____ Last: _____.

- _____ 1) I have reviewed the research plan.
- _____ 2) The student and a parent/guardian have reviewed the Research Plan Approval Form.
- _____ 3) This project involves the following area(s) and had prior approval before experimentation.
 - a. Human Subjects
 - b. Non-human Vertebrate Animals
 - c. Pathogenic Agents
 - d. Controlled Substances
 - e. Recombinant DNA
 - f. Human or Animal Tissue
- _____ 4) This project does not involve any of the research areas listed in #3.
- _____ 5) This project involves the hazardous substances or devices checked below. Prior approval by the adult sponsor and a designated supervisor was obtained.
 - a. Chemicals (i.e. hazardous, flammable, explosive or highly toxic: carcinogens; mutagens and all pesticides). I have reviewed with the student the Safety Sheet for each chemical that was used. I also reviewed the proper safety standard for each chemical including toxicity data, proper handling techniques and disposal methods.
 - b. Equipment (i.e. welders; voltage greater than 220 volts). I have reviewed with the student proper operational procedures and safety precautions for the equipment.
 - c. Firearms I have reviewed with the student the proper safety standards for firearms use.
 - d. Radioactive Substances I have reviewed the proper safety standards for each radioactive substance with the student prior to experimentation.
 - e. Radiation (i.e. x-ray or nuclear; unshielded ionizing radiation of 100-400 nm wavelength) I have reviewed with the student the proper safety methods concerning the type of radiation the student used prior to experimentation.

ADULT SPONSOR NAME (printed): _____

ADULT SPONSOR SIGNATURE: _____

DATE: _____ *NOTE: Adult review MUST occur before the first date in experiment log

A complete entry MUST INCLUDE: Online Entry Submittal, Hazardous Material Waiver, Adult Sponsor Checklist, Human Vertebrate Form, and Non-Human Vertebrate Form. All forms MUST be complete.