

Column E Explanation

This form is intended as an aid to complete the Column E explanation. It is not an official form and its use is voluntary. Annual Reports and explanations should NOT include PII information such as names (principle investigators and research staff), addresses, protocols, meeting notes (either in part or in full), the animals room numbers, grant information, veterinary care programs, and the like. A Column E explanation must be written so as to be understood by lay person as well as scientists.

1. Registration Number: 47-G-0001
2. Number 2273 of animals used in this study.
3. Species (common name) Sheep of animals used in this study.
4. Explain the procedure producing pain and/or distress. Explanations should include a brief description of the procedure, but also explain what the animal's experience, examples of which may include, but are not limited to: Neurological signs, seizures, tremors, paralysis, lethargy, inappetence, respiratory signs, GI distress, vomiting, and diarrhea.

One animal died of hyperthermia. Neonates born on pasture are at risk for hyperthermia and hypothermia. Two animals died of anorexia. Lambs that do not bond normally with the ewe do not nurse and become hypoglycemic. Signs associated with hypoglycemia include depressed mental acuity initially followed by changes in locomotion often leading to recumbency seizures and death. Abandoned lambs are more difficult to identify on pasture.

5. Attach or include with the reason(s) for why anesthetics, analgesics and tranquilizers could not be used. (For federally mandated testing, see Item 6 below).

While ewes are lambing on pastures, at least twice daily observations are made by skilled animal care personnel. At risk lambs are identified and immediately removed for care in the nursery. Three neonatal lambs experienced unrecognized exposure or anorexia.

6. What, if any, federal regulation require this procedure? Cite the agency, the code of Federal Regulations (CFR) title number and the specific section number (e.g. APHIS, 9 CFR 113.102):

Agency _____ CFR _____