

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 layperson as well as scientists.

1. Registration Number: 47-G-0001
2. Number 65 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.

Some lambs that are born on pasture may be inherently weak and can die as a result of hypothermia and/or anorexia despite monitoring and intervention by caretaker and research staff. Animals that die of hypothermia and anorexia generally are hypoglycemic. Signs associated with hypoglycemia include depressed mental acuity followed by changes in locomotion often leading to recumbency seizures and death.

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).

Lambs identified as vulnerable are given appropriate treatment, which may include parenteral dextrose, enteral alimentation and placed in an enclosure with an external heat source in an environmentally controlled facility. Of the 6,415 sheep reported, sixty-five neonatal lambs experienced unrecognized exposure and/or anorexia and are reported in column "E".

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 _____