

UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-F-0004  
CUSTOMER NUMBER: 1586

FORM APPROVED  
OMB NO. 0579-0036

**ANNUAL REPORT OF RESEARCH FACILITY**  
(TYPE OR PRINT)

COPY FOR YOUR INFORMATION

National Vet Svcs Lab  
Box 844  
Ames, IA 50010

Telephone: (515) ~~239-8504~~ 663-7301

*MHS/NOV-28-2005*  
*A by E. Boster 01/05/06*  
*JK*

3. REPORTING FACILITY ( List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary )

FACILITY LOCATIONS ( Sites ) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. ( An explanation of the procedures producing pain or distress in these animals and the reason such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs	38		178		178
7. Hamsters					
8. Rabbits			87		87
9. Non-human Primates					
10. Sheep	3	473	2		475
11. Pigs		104			104
12. Other Farm Animals					
Cattle		14	1		15
13. Other Animals					
Elk		4		2	6
Deer			3	5	8
Horses		6	2		8

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  
( Chief Executive Officer or Legally Responsible Institutional Official )

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

(b)(6), (b)(7)c

2/1/05

November 21, 2005

Annual report of the National Veterinary Services Laboratories (NVSL) for the period of October 1, 2004, through September 30, 2005.

1. Facilities located at 1800 Dayton Road, Ames, IA.
2. Statement of reasons for not using drugs in experiments involving pain and distress:  
Clinical signs of disease were needed to provide proof of infection with both infectious agents.  
Euthanasia was performed as soon as possible after diagnostic clinical signs occurred.
3. Exceptions to adherence to the standards and regulations under the Act: None
4. Protocols involving unrelieved pain or distress were as follows:

See following attachments for Facility 42-F-0004

## Column E Explanation

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by a lay persons as well as scientists.

1. Registration Number: 42-F-0004
2. Number 6 (2 in Cat. E) \_\_\_\_\_ of animals in this study.
3. Species (common name) Elk \_\_\_\_\_ of animals used in the study.
4. Explain the procedure producing pain and/or distress.

These elk were inoculated with Chronic Wasting Disease to determine if a certain gene could confer resistance to infection with this agent. Two genetically susceptible elk became ill from the disease. Clinical signs of disease were needed from these elk to verify infection.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Clinical signs of disease were needed to verify infection. The elk were euthanatized and necropsied soon after diagnostic clinical signs were established.

6. What, if any, federal regulations 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):

FY 2005

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Column E Explanation

COPY FOR  
RECORD

This form is intended as an aid to completing the Column E explanation. It is not an official form and its use is voluntary. Names, addresses, protocols, veterinary care programs and the like, are not required as part of an explanation. A Column E explanation must be written so as to be understood by a lay persons as well as scientists.

1. Registration Number: 42-F-0004
2. Number 8 (5 in Cat. E) \_\_\_\_\_ of animals in this study.
3. Species (common name) White-tailed Deer \_\_\_\_\_ of animals used in the study.
4. Explain the procedure producing pain and/or distress.

White-tailed deer were given material containing Cowdria ruminantium to see if they were susceptible to this infection and might serve as a reservoir of infection for US cattle and sheep. Clinical signs of disease were needed from these deer to verify infection in the cattle.

5. Provide scientific justification why pain and/or distress could not be relieved. State methods or means used to determine that pain and/or distress relief would interfere with test results. (For Federally mandated testing, see Item 6 below)

Clinical signs of disease were needed to verify infection. The deer were euthanatized and necropsied as soon as diagnostic clinical signs were detected.

6. What, if any, federal regulations 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):

FY 2005

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