UNITED STATES DEPARTMENT OF AGRICULTURE  
ANIMAL AND PLANT HEALTH INSPECTION SERVICE  

ANNUAL REPORT OF RESEARCH FACILITY  
(TYPE OR PRINT)  

1. REGISTRATION NO.  
47-R-0002  

CUSTOMER NO.  
1543  

FACILITY LOCATION(S)(site(s))  

See Attached Listing  

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)  
CREIGHTON UNIVERSITY  
2500 CALIFORNIA PLAZA  
BLDG. CRIS51, ROOM 636  
OMAHA, NE 68179  
(402) 280-4011  

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

See Attached Listing  

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

<table>
<thead>
<tr>
<th>A. Animals Covered By The Animal Welfare Regulations</th>
<th>B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.</th>
<th>C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.</th>
<th>D. Number of animals upon which teaching, research, experiments, or tests were conducted involving alleviating pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.</th>
<th>E. Number of animals upon which teaching, research, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)</th>
<th>F. TOTAL NO. OF ANIMALS (Cols. C + D + E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Dogs</td>
<td>0</td>
<td>0</td>
<td>3</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>5. Cats</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>6. Guinea Pigs</td>
<td>0</td>
<td>84</td>
<td>0</td>
<td>0</td>
<td>84</td>
</tr>
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<td>7. Hamsters</td>
<td>207</td>
<td>276</td>
<td>0</td>
<td>483</td>
<td></td>
</tr>
<tr>
<td>8. Rabbits</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>9. Non-Human Primates</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>10. Sheep</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>11. Pigs</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td>12. Other Farm Animals</td>
<td>0</td>
<td>0</td>
<td>7</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>13. Other Animals</td>
<td>0</td>
<td>60</td>
<td>16</td>
<td>0</td>
<td>76</td>
</tr>
</tbody>
</table>

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 the 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)  
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)  

SIGNATURE OF PERSON QUALIFIED TO SIGN  

DATE: NOV 26 2002  

(AUG 91)
Creighton University
Registration No. : 47-R-0002
Customer No. 1543

**Facility Locations:**

**Creighton University Medical Center**
- Criss I, II, III, Bierme Tower Buildings
- Boyne Building
- CUMC/St. Joseph Hospital

**Creighton University College of Arts & Sciences**
- Rigge Science Building (Biology Department)

**Off-site goat housing:**
- Dale Steinhoff Ranch, Palmyra, NE
**Annual Report of Research Facility**

**Type or Print**

**1. Registration No.** 47-R-0004  
**Customer No.** 1552  
**Form Approved** OMB No. 0579-0036

**2. Headquarters Research Facility**
- Name and Address, as registered with USDA, include ZIP Code:
  - University of Nebraska - Lincoln
  - 302 Admin Bldg
  - Lincoln, NE 68588
  - (402) 472-3123

**3. Reporting Facility**
- List all locations where animals were housed or used in actual research, teaching, or experimentation, or held for these purposes. (Attach additional sheets if necessary)

**Facility Locations (sites):**

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Report of Animals Used by or Under Control of Research Facility** (Attach additional sheets if necessary or use APHIS Form 7023A)

<table>
<thead>
<tr>
<th>A. Animals Covered By The Animal Welfare Regulations</th>
<th>B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.</th>
<th>C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.</th>
<th>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.</th>
<th>E. Number of animals upon which teaching, research, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs was or was not used.</th>
<th>F. Total No. of Animals (Cols. C + D + E)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. Dogs  
5. Cats  
6. Guinea Pigs  
7. Hamsters  
8. Rabbits  
9. Non-Human Primates  
10. Sheep  
11. Pigs  
12. Other Farm Animals  
13. Other Animals

**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.

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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)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

<table>
<thead>
<tr>
<th>Site Name/Title/Institutional Official</th>
<th>Name &amp; Title of C.E.O. or Institutional Official (Type or Print)</th>
<th>Date Signed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>11/25/2003</td>
</tr>
</tbody>
</table>

APHIS Form 7023 (Replaces VS Form 18-23 (Oct 88), which is obsolete)  
PART 1 - HEADQUARTERS  
(AUG 91)  
NOV 25 2003

✓
FACILITY SITES

University of Nebraska-Lincoln

Animal Science Complex
College of Dentistry
Manter Hall
Veterinary & Biomedical Sciences
**ANNUAL REPORT OF RESEARCH FACILITY**

**TYPE OR PRINT**

<table>
<thead>
<tr>
<th>A. Animals Covered By The Animal Welfare Regulations</th>
<th>B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes</th>
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<th>F. TOTAL NO. OF ANIMALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogs</td>
<td>0</td>
<td>0</td>
<td>20</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Cats</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Guinea Pigs</td>
<td>0</td>
<td>0</td>
<td>20</td>
<td></td>
<td>20</td>
</tr>
<tr>
<td>Hamsters</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rabbits</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Non-Human Primates</td>
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<tr>
<td>Sheep</td>
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</tr>
<tr>
<td>Pigs</td>
<td></td>
<td></td>
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<tr>
<td>Other Farm Animals</td>
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<tr>
<td>Gerbils</td>
<td>10</td>
<td>0</td>
<td>77</td>
<td></td>
<td>77</td>
</tr>
</tbody>
</table>

**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.

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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**

*Executive Officer or Legally Responsible Institutional official*

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

**DATE SIGNED**

| (Type or Print) | 21Nov03 |

APHS FORM 7023

(Replaces VS FORM 18-23 (Oct 88), which is obsolete)

(AUG 91)
### Annual Report of Research Facility

**United States Department of Agriculture**

**Animal and Plant Health Inspection Service**

**ANNUAL REPORT OF RESEARCH FACILITY**

**TYPE OR PRINT**

1. **REGISTRATION NO.**
   - 47-R-0017

2. **CUSTOMER NO.**
   - 1548

3. **FORM APPROVED**
   - OMB NO. 0575-0045

**2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)**
   - **NEBRASKA COLLEGE OF TECHNICAL AGRICULTURE**
   - RR 3 BOX 23-A
   - CURTIS, NE 69025
   - (306) 367-4124

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

4. **FACILITY LOCATION(s)/site(s)**

5. **See Attached Listing**

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### Report of Animals Used By or Under Control of Research Facility

**ATTACH ADDITIONAL SHEETS IF NECESSARY OR USE APHIS FORM 7023 A**

<table>
<thead>
<tr>
<th></th>
<th>A.</th>
<th>B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.</th>
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<th>F. TOTAL NO. OF ANIMALS (Cols. C - E = F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Dogs</td>
<td>8</td>
<td>8</td>
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<tr>
<td>5.</td>
<td>Cats</td>
<td>5</td>
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<td>5</td>
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<tr>
<td>6.</td>
<td>Guinea Pigs</td>
<td>7</td>
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<tr>
<td>7.</td>
<td>Hamsters</td>
<td>4</td>
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<tr>
<td>8.</td>
<td>Rabbits</td>
<td>6</td>
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<td>6</td>
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<tr>
<td>9.</td>
<td>Non-Human Primates</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>10.</td>
<td>Sheep</td>
<td>0</td>
<td></td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>11.</td>
<td>Pigs</td>
<td>0</td>
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<td>0</td>
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<tr>
<td>12.</td>
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<tr>
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<td>101</td>
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<tr>
<td>13.</td>
<td>Other Animals</td>
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<td>Horses</td>
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<tr>
<td></td>
<td>Llama</td>
<td>2</td>
<td></td>
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<td></td>
<td>2</td>
</tr>
</tbody>
</table>

---

### Assurance Statements

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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

**I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)**

**IONAL OFFICIAL**

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

**DATE SIGNED:**

11/24/03

APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 86), which is obsolete)
# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

**(TYPE OR PRINT)**

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY**

(Attach additional sheets if necessary or use this form.)

<table>
<thead>
<tr>
<th>Animals Covered By The Animal Welfare Regulations</th>
<th>A. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.</th>
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<th>F. TOTAL NO. OF ANIMALS (Cols. C + D + E)</th>
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</thead>
<tbody>
<tr>
<td>Sugar Gliders</td>
<td>2</td>
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<tr>
<td>Ferret</td>
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<td></td>
<td></td>
<td>1</td>
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<tr>
<td>Gerbils</td>
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<td>Eorantula</td>
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<td>Chinchilla</td>
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<td></td>
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<td>1</td>
</tr>
</tbody>
</table>

**ASSURANCE STATEMENTS**

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**CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL**

(Chief Executive Officer or Legally Responsible Institutional official)

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<table>
<thead>
<tr>
<th>INSTITUTIONAL OFFICIAL</th>
<th>NAME &amp; TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)</th>
<th>DATE SIGNED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>11/24/03</td>
</tr>
</tbody>
</table>

APHIS FORM 7023A

|(AUG 91)| (Replaces VS FORM 18-23 (Oct 88), which is obsolete)| PART 1 - HEADQUARTERS|
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY

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<thead>
<tr>
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</thead>
<tbody>
<tr>
<td>4. Dogs</td>
<td>0</td>
<td>0</td>
<td>4</td>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>5. Cats</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>6. Guinea Pigs</td>
<td>0</td>
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<td>0</td>
<td>0</td>
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<td>7. Hamsters</td>
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</tr>
<tr>
<td>12. Other Farm Animals</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>13. Other Animals</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Amphibians</td>
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<td>402</td>
<td>10</td>
<td>0</td>
<td>412</td>
</tr>
</tbody>
</table>

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 the 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

(Chieff Executive Officer or Legally Responsible Institutional official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2145)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL: [Signature]

NAME AND TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL: [Name and Title]

DATE SIGNED: 11/10/03

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete) PART 1 - HEADQUARTERS

NOV 17 2003
Attachment 1

Locations Where Animals Are Housed or Used (Item 3 APHIS Form 7023)

1. Wittson Hall Level 2
2. Swanson Hall Level 2
3. Shackleford Memorial Hall Levels 1 and 2
4. Eppley Hall of Science Levels 1, 2, and 5
5. College of Pharmacy Level 4
6. Lied Transplant Center Level 2
7. Midwest Veterinary Services, Oakland, Nebraska
This report is required by law (7 USC 2142). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information.

Interagency Report Control No. 0160-00-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NO. 47-R-0021
CUSTOMER NO. 1563
FORM APPROVED
OMB NO. 0579-0038

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
UNIVERSITY OF NEBRASKA-OMAHA
6001 DODGE ST
OMAHA, NE 68162
(402) 554-2558

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

See Attached Listing

All wine Hall

FACILITY LOCATIONS (site(s))

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

<table>
<thead>
<tr>
<th></th>
<th>B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.</th>
<th>C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.</th>
<th>D. Number of animals upon which teaching, research, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.</th>
<th>E. Number of animals upon which teaching, research, experiments, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)</th>
<th>F. TOTAL NO. OF ANIMALS (Cols. C + D + E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Dogs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5. Cats</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6. Guinea Pigs</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Hamsters</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>8. Rabbits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Non-Human Primates</td>
<td>0</td>
<td>40</td>
<td>0</td>
<td>0</td>
<td>40</td>
</tr>
<tr>
<td>10. Sheep</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Pigs</td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>12. Other Farm Animals</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tr>
<tr>
<td>13. Other Animals</td>
<td>California bats</td>
<td>2</td>
<td></td>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>Long-nosed bats</td>
<td>85</td>
<td></td>
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<td>85</td>
</tr>
<tr>
<td></td>
<td>Fringed bats</td>
<td>20</td>
<td></td>
<td></td>
<td>20</td>
</tr>
</tbody>
</table>

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 the 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)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

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

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (Oct 88), which)

PART 1 - HEADQUARTERS

N/W 17
## Continuation Sheet for Annual Report of Research Facility

**Type or Print**

### Report of Animals Used by or Under Control of Research Facility

<table>
<thead>
<tr>
<th>A. Animals Covered By The Animal Welfare Regulations</th>
<th>B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes</th>
<th>C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs</th>
<th>D. Number of animals upon which 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</th>
<th>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 appropriate anesthetic, analgesic, or tranquilizing drugs were used</th>
<th>F. Total No. of Animals (Cols. C + D + E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Long-legged bats</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>82</td>
</tr>
<tr>
<td>Horse bails</td>
<td>-</td>
<td>82</td>
<td>-</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Sheep bails</td>
<td>-</td>
<td>5</td>
<td>-</td>
<td>-</td>
<td>9</td>
</tr>
<tr>
<td>Baboon bails</td>
<td>-</td>
<td>1</td>
<td>-</td>
<td>-</td>
<td>10</td>
</tr>
<tr>
<td>Brazilian bats</td>
<td>-</td>
<td>203</td>
<td>-</td>
<td>-</td>
<td>203</td>
</tr>
</tbody>
</table>

### 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 the 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)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Signature of C.E.O. or Institutional Official

Name & Title of C.E.O. or Institutional Official (Type or Print)

Date Signed: 06/03

***APR 1991***

(Replaces VS FORM 10-23 (Oct 88), wh. (AUG 91))

**PART 1 - HEADQUARTERS**
ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

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.)

<table>
<thead>
<tr>
<th>A. Animals Covered by The Animal Welfare Regulations</th>
<th>B. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs</th>
<th>C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs</th>
<th>D. Number of animals upon which teaching, research, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used</th>
<th>E. Number of animals upon which teaching, research, experiments, 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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)</th>
<th>F. TOTAL NO. OF ANIMALS (Cols. C + D + E)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4. Dogs</td>
<td>0</td>
<td>45</td>
<td>90</td>
<td>0</td>
<td>135</td>
</tr>
<tr>
<td>5. Cats</td>
<td>0</td>
<td>30</td>
<td>50</td>
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<td>80</td>
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<tr>
<td>6. Guinea Pigs</td>
<td>0</td>
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<td>0</td>
<td>10</td>
</tr>
<tr>
<td>7. Hamsters</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>0</td>
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<tr>
<td>8. Rabbits</td>
<td>0</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9. Non-Human Primates</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10. Sheep</td>
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<td>60</td>
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<td>0</td>
<td>60</td>
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<tr>
<td>11. Pigs</td>
<td>50</td>
<td>200</td>
<td>3</td>
<td>0</td>
<td>203</td>
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<tr>
<td>12. Other Farm Animals</td>
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<td>0</td>
<td>79</td>
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<tr>
<td>Cattle</td>
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<td>0</td>
<td>0</td>
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<tr>
<td>13. Other Animals</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

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.

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

I certify that the above is true, correct, and complete (7 U.S.C. Section 2145).

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

APHIS FORM 7023 (Replaces VS FORM 18-23 (Oct 68), which is obsolete) PART 1 - HEADQUARTERS

AUG 91
This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information. Interagency Report Control No 0196-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

1. REGISTRATION NO. 47-R-0027
CUSTOMER NO. 19097
FORM APPROVED
OMB NO. 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)
   NATURA MANUFACTURING INCORPORATED
   2779 RADEMAKERS WAY
   FREMONT, NE 68025
   (402) 727-0870

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

   FACILITY LOCATIONS (sites)

   Facility Location

   Facility Location

   Facility Location

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY
(Attach additional sheets if necessary or use APHIS FORM 70234.)

A. Animals Covered by The Animal Welfare Regulations
B. Number of animals 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.
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F. TOTAL NO. OF ANIMALS
   (Cols. C + D + E)

4. Dogs

   210

5. Cats

   22

6. Guinea Pigs

7. Hamsters

8. Rabbits

9. Non-Human Primates

10. Sheep

11. Pigs

12. Other Farm Animals

13. Other Animals

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

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

DATE SIGNED

APHIS FORM 7023
(AUG 91) (Replaces VS FORM 18-23 (Oct 88), which is obsolete)

PART 1 - HEADQUARTERS

NOV 21 2003
# Annual Report of Research Facility

**Type or Print**

**FACILITY LOCATIONS**

- **Swine Biomedical Resource Centre, LLC**
  - 1443 Highway 77, Oakland, NE 68045
- **Contracted Facility - CSRC, Inc.**
  - 1290 County Road "M", Oakland, NE 68045

## Report of Animals Used by or Under Control of Research Facility

<table>
<thead>
<tr>
<th></th>
<th>A.</th>
<th>B.</th>
<th>C.</th>
<th>D.</th>
<th>E.</th>
<th>F.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Animals Covered by the Animal Welfare Regulations</td>
<td>Number of animals being bred, conditioned, or held for use in teaching, research, experiments, or surgery</td>
<td>Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs</td>
<td>Number of animals upon which teaching, research, experiments, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used</td>
<td>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, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report)</td>
<td>TOTAL NO. OF ANIMALS</td>
</tr>
<tr>
<td>-----</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>----</td>
<td>----</td>
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</tr>
<tr>
<td>4.</td>
<td>Dogs</td>
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<td>0</td>
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<td>0</td>
</tr>
<tr>
<td>5.</td>
<td>Cats</td>
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<tr>
<td>6.</td>
<td>Guinea Pigs</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>7.</td>
<td>Hamsters</td>
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<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>8.</td>
<td>Rabbits</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>9.</td>
<td>Non-Human Primates</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10.</td>
<td>Sheep</td>
<td>0</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>11.</td>
<td>Pigs</td>
<td>34</td>
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<td>34</td>
</tr>
<tr>
<td>12.</td>
<td>Other Farm Animals</td>
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<td>0</td>
<td>0</td>
</tr>
<tr>
<td>13.</td>
<td>Other Animals</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

## Assurance Statements

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## Certification by Headquarters Research Facility Official

(Certified by Executive Officer or Legally Responsible Institutional Official)

- I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

**Signature of C.E.O. or Institutional Official**

**Name & Title of C.E.O. or Institutional Official** (Type or Print)

**Date Signed**

**APHIS FORM 7023**

(Aug 1991) PART 1 - HEADQUARTERS

**APHIS FORM 7023**

(Oct 88), which is obsolete

**AUG 91**

**OCT 16 2003**
**ANNUAL REPORT OF RESEARCH FACILITY**

**TYPE OR PRINT**

**FACILITY LOCATIONS(sites)**

Swine Biomedical Resource Centre, LLC
1443 Highway 77, Oakland, NE 68045

Contracted Facility - CSRC, Inc.
1290 County Road "M", Oakland, NE 68045

**REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY**

<table>
<thead>
<tr>
<th>Animals Covered by The Animal Welfare Regulations</th>
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<th>F. TOTAL NO. OF ANIMALS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dogs</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Cows</td>
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<td>0</td>
</tr>
<tr>
<td>Guinea Pigs</td>
<td>0</td>
<td>0</td>
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**ASSURANCE STATEMENTS**

1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetics, analgesics, 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 the 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)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

**SIGNATURE**

**NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL**

**DATE SIGNED**

**PART 1 - HEADQUARTERS**

**DATE**

**OCT 14, 2003**
<table>
<thead>
<tr>
<th>A.</th>
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<td>Other Fish</td>
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<td>Horses</td>
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</table>

**ADDITIONAL INFORMATION**

1. All animals used are being used under the supervision and oversight of qualified personnel, and for the purposes for which they were purchased, raised, and maintained. The animal welfare regulations of the State of New York, the Animal Welfare Act of 1966, and the Principles of Animal Care adopted by the American Psychological Association are observed.
2. The facility maintains a record of the number and type of animals used in research and the number and type of animals euthanized or otherwise not used for research.
3. The facility has a written plan for the care and use of animals, and the plan is reviewed at least annually by the Institutional Animal Care and Use Committee (IACUC).
4. The facility is in compliance with all regulations and guidelines of the Animal Welfare Act, the National Institutes of Health, and the Office of Laboratory Animal Welfare.
5. The facility is in compliance with all regulations and guidelines of the Animal Welfare Act, the National Institutes of Health, and the Office of Laboratory Animal Welfare.
6. The facility is in compliance with all regulations and guidelines of the Animal Welfare Act, the National Institutes of Health, and the Office of Laboratory Animal Welfare.
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