#### additional information.

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0002

CUSTOMER NUMBER: 1574

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Des Moines University - Omc 3200 Grand Ave

Des Moines, IA 50312

Telephone: (515) -271-1520

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

Animal Care Facility

Surgical Facility

Animal Gare ractificy

FACILITY LOCATIONS (Sites) - See Atached Listing Science and Education Building, DMU

Science and Education Building, DMU

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A ) F. E. Number of animals upon which teaching, experiments, D. Number of animals upon B. Number of animal C. Number of A. research, surgery or tests were conducted involving which experiments, animals upon being bred, accompanying pain or distress to the animals and for wh teaching, research, TOTAL NUMBER conditioned, or which teaching. the use of appropriate anesthetic, analgesic, or tranquiliz surgery, or tests were OF ANIMALS research. **Animals Covered** held for use in drugs would have adversely affected the procedures, res conducted involving experiments, or By The Animal teaching, testing, or interpretation of the teaching, research, experiments, tests were accompanying pain or (COLUMNS Welfare Regulations experiments. surgery, or tests. ( An explanation of the procedures distress to the animals an conducted research, or producing pain or distress in these animals and the reason C+D+E) for which appropriate involving no pain, surgery but not ye such drugs were not used must be attached to this report anesthetic, analgesic, or distress, or use or used for such tranquilizing drugs were pain-relieving purposes. used. drugs. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 6 6 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 anestetic, 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.
- 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 approximately approxim 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 in brief explanation of the exceptions, as well as the species and number of animals affected.
- position of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

<ol><li>The attending vet</li></ol>	erinarian for this research facility has appropriate authority to ensu	The trie provision of adequate veterinary dure dife to detect the service of the		
	CERTIFICATION BY HEA ( Chief Executive Office	ADQUARTERS RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official)		
SIGNATURE OF CEO	OD 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 88), which is obsolete.)	1	7	

(AUG 91)

1575

interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0003 CUSTOMER NUMBER:

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Iowa State University 1426 Vet Med

Ames, IA 50011

Telephone: (515) -294-8507

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 Atached Listing

A.	B. Number of animal	C. Number of	D. Number of animals upon	nal sheets if necessary or use APHIS Form 7023A )	
Animals Covered By The Animal Welfare Regulations	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analysesic, 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 whithe use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	37	49	* 662		
5. Cats	3	12	*196		748
6. Guinea Pigs		13	170		211
7. Hamsters		127			13
8. Rabbits		53	128		127
9. Non-human Primates			120		181
10. Sheep		88	6		
11. Pigs					94
12. Other Farm Animals	•		·		
Horses		12			
3. Other Animals		1.6	. :		12
Chinchillas		5			
Ferrets		5			5
Gerbils					5
ASSURANCE STATEMENTS		8			8

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research
- 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 approximately 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 in
- 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 )

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

S FORM 7023

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

AUG 91)

\*Includes Humane Society spay/neuter program

See reverse side for additional information.

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

# CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

		C Number of	(Attach adiditional sheets if ne		
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not	animals upon which teaching, research, experiments, or tests were conducted involving no	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	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 test.	TOTAL NO. OF ANIMAL
12. &/OR 13. Other (List by species)	yet used for such purposes.	pain, distress, or use of pain- relieving drugs.	anesthetic, analgesic, or tranquilizing drugs were used.	the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	(Cols. C + D + E)
Hedghogs		2			
Brazilian Short tailed	86		6		2
Opossums -					92
Cattle		18			
Peromyscus		110			18
Raccoon					110
Opossum		4			4
		2			2
Chipmunk Chart tailed above		4			4
Short-tailed shrew		13			13
Vole		6			6
Bobcat		23			23
Skunk		2			<u>23</u>
	-		ı		
ASSURANCE STATEMENTS		·			

- 1). Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research lacility.
- 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

# CERTIFICATION BY HEADQUARTES 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).

NOV 3 0 2004

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

# IOWA STATE UNIVERSITY (42-R-0003)

# **ANIMAL FACILITIES**

Laboratory Animal Resources

Veterinary Medical Research Institute

**Animal Resource Station** 

Kildee Hall

Human Nutritional Sciences Building

Molecular Biology Building

Science II

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0004

CUSTOMER NUMBER: 1576

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Iowa **Animal Care Unit** 400 Medical Laboratories lowa City, IA 52242

Telephone: (319) -335-7985

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 Atached Listing

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 yε used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz 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 NUMBEF OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	1		2		2
5. Cats		4	22		26
6. Guinea Pigs	1		35		35
7. Hamsters		48	52		100
8. Rabbits	61	4	519		523
9. Non-human Primates			. 2		2
10. Sheep			93		93
11. Pigs		18	261		279
12. Other Farm Animals					
Chickens		31			31
13. Other Animals					
Pigeons	20	69		·	69
Frogs	32	483	30		513
Ferret	14	272	89		361

### ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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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	and the provider of adoqueto relatively due to the adoqueto, or the appearance of the provider	
	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive Officer or Legally Responsible Institutional Official)	
רייטיידיידי פילאר פי פייטידיידייניין פייטידיידיי	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

THIS FURM 1023 ( AUG 91 )

(Replaces vo FORM 10-20 (OCT 88), which is obsolete.)

## **APHIS Form 7023 Site List**

The following sites have been reported by the facility.

Registration Number: **Customer Number:** 

42-R-0004

1576

Facility:

UNIVERSITY OF IOWA

**400 MEDICAL LABORATORIES** 

IOWA CITY, IA 52242

(319) 335-7985

UNIVERSITY OF IOWA 400 MEDICAL LAB IOWA CITY, IA 52242

Facility Locations:

College of Medicine:

- Bowen Science Building
- Medical Laboratories
- Oakdale

College of Liberal Arts:

- Biology Department
- Psychology Department

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0005

CUSTOMER NUMBER: 1577

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

**Drake University** 2507 University Ave. Des Moines, IA 50311

Telephone: (515) -271-4933

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 Atached Listing REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A F. A. B. Number of animal Number of D. Number of animals upon E. Number of animals upon which teaching, experiments, animals upon which experiments, research, surgery or tests were conducted involving being bred, accompanying pain or distress to the animals and for wh conditioned, or which teaching. teaching, research, TOTAL NUMBER the use of appropriate anesthetic, analgesic, or tranquiliz **Animals Covered** held for use in research surgery, or tests were OF ANIMALS experiments, or conducted involving drugs would have adversely affected the procedures, res By The Animal teaching, testing, tests were accompanying pain or or interpretation of the teaching, research, experiments, Welfare Regulations experiments. ( COLUMNS surgery, or tests. ( An explanation of the procedures conducted distress to the animals an research, or for which appropriate producing pain or distress in these animals and the reason C + D + E) surgery but not ye involving no pain, distress, or use o anesthetic, analgesic, or such drugs were not used must be attached to this report used for such purposes. pain-relieving tranquilizing drugs were used. drugs. 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

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<ol><li>The attending v</li></ol>	eterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to ove	ersee the adequacy of other aspects of animal care and use.
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	AL
s		DATE SIGNED
APHIS FORM 7023	(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)	

(AUG 91)

OCT 14 2014

# Annual Report of Research Facility to USDA

Date:

October 8, 2004

Institution:

Drake University

Assurance Number:

A3577-01

Reporting period:

2003-2004

This Institution's Institutional Animal Care and Use Committee (IACUC), through the Institutional Official, hereby provides this Annual Report to the United States Department of Agriculture, Animal and Plant Health Inspection Services, Animal Care Western Region.

### 1. SEMIANNUAL EVALUATIONS

This IACUC has conducted semiannual evaluations of the Institution's program and inspections of the Institution's facilities (including satellite facilities) on the following dates. Reports of the evaluations and inspections have been submitted to the Institutional Official. If significant and/or minor deficiencies were identified, a plan and schedule for correction of each was included in the reports.

- A. Program Evaluations: Drake University's IACUC conducted its semi-annual review of the institution's policies and responsibilities on October 9 2003 and February 26, 2004. Reports of the evaluations were submitted to the Institutional Official, President David Maxwell on October 27, 2003 and April 2, 2004. A few minor deficiencies were identified and plans and schedules for correction of each were included in these reports.
- **B. Facility Inspections:** Drake University's IACUC conducted its semi-annual review of the institutions animal housing and support facilities on October 9 2003 and March 24, 2004. Reports of the evaluations were submitted to the Institutional Official, on October 27, 2003 and April, 2004. A few minor deficiencies were identified and plans and schedules for correction of each were included in these reports.

Date: 10/8/04

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0016

> CUSTOMER NUMBER: 1579

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Mercy Med Center-Sioux City 801 5th St Sioux City, IA 51102

Telephone: (712) -279-2156

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 Atached Listing

			RCH FACILITY ( Attach addition	al 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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or lests were conducted involving accompanying pain or distress to the enimals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz 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 reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS
4. Dogs			0		
5. Crts			0		
6. Guinea Pigs			()		
7. Harnsters			$\circ$		
8. Rabbits			$\circ$		
9. Non-human Primates			0		
I0. Sheep			0		<u> </u>
1. Pigs			0		
2. Other Farm Animals			0		
3. Other Animals			0		
	· · · · · ·		el Avimals	WERE UTILIZED by ME	RCY
			MEDILAI LE	WERE Utilized by ME.	/
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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 HEAR ( Chief Executive Officer	OQUARTERS RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official )	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

PHIS FORM 7023

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

( AUG 91 )

See reverse side for additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 42-R-0019 CUSTOMER NO. 1580

FORM APPROVED OMB NO. 0579-0036

### ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

BOEHRINGER INGELHEIM VETMEDICA, INC 1568 NORTH MAIN AVE. P.O. BOX 50 SIOUX CENTER, IA 51250

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)

SITE1
SIOUX CENTER, IA 51250

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.	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, 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)	F.  TOTAL NO.  OF ANIMALS  (Cols. C +  D + E)
l. Dogs		45			45
5. Cats					
3. Guinea Pigs		8			8
7. Hamsters	,				
3. Rabbits		38			38
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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(Chief Executive	BY HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional official) 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)	11/24/2004

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0026 CUSTOMER NUMBER:

1582

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Kirkwood Comm College 6301 Kirkwood Blvd Sw Cedar Rapids, IA 52406

Telephone: (319) -398-5609

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 Atached Listing

REPORT OF ANIMALS	USED BY OR UNDER	CONTROL OF RESEAR	CH FACILITY ( Attach additional	al sheets if necessarv 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 ye used for such purposes.		being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such animals upon which teaching, research, or experiments, research, or conducted involving no pain, used for such animals upon which teaching, research, or conducted involving no pain, distress, or use o	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an 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 wh the use of appropriate anesthetic, analgesis, or tranquiliz 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 reasc such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs		56	98	0	154
5. Cats		0	21	0	21
6. Guinea Pigs		2	<b>0</b>	0 .	<b>2</b>
7. Hamsters		18	0	0	18
8. Rabbits		6 .	0	0	6
9. Non-human Primates		0	0	0	ت 0 میسو
10. Sheep		0	0	0	0
11. Pigs		0	0	0	0
12. Other Farm Animals		0	0	0	0
			·		
13. Other Animals					
Chinchilla		1	0	0	1

### ASSURANCE STATEMENTS

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	CERTIFICATION BY H	EADQUARTERS RESEARCH FACILITY OFFICIAL icer or Legally Responsible Institutional Official )	of district care and disc.
SIGN/	,	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.)

FORM APPROVED

interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 42-R-0027

CUSTOMER NUMBER: 1583

OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Midland Bioproducts Corp 800 Snedden Drive P.O. Box 309 Boone, IA 50036

Telephone: (515) -432-5516

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 Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if necessary or use APHIS Form 7023A )							
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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz 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 reast 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							
7. Hamsters							
8. Rabbits		6			6		
9. Non-human Primates							
10. Sheep							
11. Pigs							
12. Other Farm Animals					M - 1/2		
Goats	164	605			605		
13. Other Animals							
-				·			
			<del></del>				

#### **ASSURANCE STATEMENTS**

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables 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 app 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 in 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

	HEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official )	
	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 10/15/200

( AUG 91 )



800 Snedden Drive • P.O. Box 309 • Boone, Iowa 50036-0309 USA • Tel: 515-432-5516 • Fax: 515-432-5462 SALES: 800-370-6367 • Tel: 515-432-7799 • Fax: 515-432-7790 • E-mail: sales@midlandbio.com http://www.midlandbio.com

### APHIS Form 7023 Site List

October 15, 2004

USDA, APHIS Animal Care Western Region 2150 Centre Avenue, Bldg B, Mail Stop 3W11 Ft. Collins, CO 80526

Registration No. 42-R-0027

Customer No. 1583

Facility:

Midland BioProducts Corporation

800 Snedden Drive

PO Box 309

Boone, IA 50036 (515) 432-5516

ITEM 3 – REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for those purposes.)

Site#1

**MBC Animal Operations** 

1284 Quill Avenue Boone, IA 50036

Site#2

Rental Facility 1826 230<sup>th</sup> Street Boone, IA 50036

Site#3

Rental Facility

1437 230<sup>th</sup> Street Boone, IA 50036

Site#4

Rental Facility 1285 T Avenue Boone, IA 50036

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0029

CUSTOMER NUMBER: 1617

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Elmira Biologicals Inc. 5514 Elmira Rd Ne Iowa City, IA 52240

Telephone: (319) -643-2275

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

5514 Elmira Rd NE Iowa City IA 52240

REPORT OF ANIMALS I	USED BY OR UNDER C	CONTROL OF RESEAR	CH FACILITY ( Attach addition	al sheets if necessarv 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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 wh the use of appropriate anesthetic, analgesic, or tranquiliz 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 reast such drugs were not used must be attached to this report	OF ANIMALS  ( COLUMNS
4. Dogs					
5. Cats					
6. Guinea Pigs		·			
7. Hamsters	·				
8. Rabbits	15	25	0	0	_
9. Non-human Primates					
10. Sheep	55	28	0	0	28
11. Pigs					
12. Other Farm Animals		-			
Goats	4	3	O	0	3
13. Other Animals					

### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved teaching, testing, surgery, or experimentation were followed by this research facility.
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- 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 applications. In addition to identifying the IACUC-approved exceptions, this summary in 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.

	TIFICATION 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

APHIS FORM 7023

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

( AUG 91 )

NOV 22 2000



Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0030

CUSTOMER NUMBER: 1624

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Veterinary Resources, Inc 416 Douglas Avenue, Suite 100 Po Box 866 Ames, IA 50010

Telephone: (515) -233-2349

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 Atached Listing

REPORT OF ANIMALS	USED BY	OR UNDER	CONTROL	OF RESEAR	RCH FACI	LITY ( Attach addition	al sheets if nece	ssarv or	use APHIS Form 7023A )		
A.  Animals Covered By The Animal Welfare Regulations	beii con heli tea exp res sun use	mber of animal ng bred, aditioned, or d for use in ching, testing, periments, earch, or gery but not yeard for such poses.	anim which rese expertests concluding involved distributions and the conclusions of the conclusions and the conclusions are conclusions and the conclusions are conclusions and the conclusions are conclusions.	nber of nals upon th teaching, earch, earch, s were ducted diving no pain, ress, or use or relieving	whitea sur cor acc dist for ane	mber of animals upon ich experiments, ching, research, gery, or tests were inducted involving companying pain or tress to the animals an which appropriate esthetic, analgesic, or inquilizing drugs were edd.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for withe use of appropriate anesthetic, analgesic, or tranquil drugs would have adversely affected the procedures, reor interpretation of the teaching, research, experiments surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the rear such drugs were not used must be attached to this repo		sts were conducted involving distress to the animals and for wh anesthetic, analgesic, or tranquiliz insely affected the procedures, res leaching, research, experiments, explanation of the procedures ess in these animals and the reast	TOTAL NUMBER OF ANIMALS  C COLUMNS  C + D + E	
4. Dogs	C	?		Q		0		ې	)		0
5. Cats				<u> </u>							
6. Guinea Pigs			<u> </u>	1							1
7. Hamsters				1				-			
8. Rabbits				1							1
9. Non-human Primates											
10. Sheep											
11. Pigs											
12. Other Farm Animals								$\Box$			
·											
13. Other Animals		2	(	3		0		0		Ć	) 
						3					
<del></del>					ļ	<b>***</b>					
<u></u>											

#### ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reserved 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 approximation. In addition to identifying the IACUC-approved exceptions, this summary in 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

INAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL

APHIS FORM 7023

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

( AUG 91 )

SEP 27 2004

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0031 CUSTOMER NUMBER: 1653

FORM APPROVED OMB NO. 0579-0036

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

**Trans Ova Genetics** 2938 380th St Sioux Center, IA 51250

Telephone: (712) -722-3586

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 Atached Listing

Almass developed by The Animal Welfare Regulations  Welfare Regulations  Welfare Regulations  Welfare Regulations  Welfare Regulations  A Dogs  4. Dogs  5. Cats  6. Guinea Pigs  7. Hamsters  8. Rabbits  9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals  Cattle  5. 3 170  Z   Individual responsibility of the such purposes.  A part of the section, research, experiments, or tests were conducted involving accompanying pain or distress, or used or pain-relieving drugs were used.  C+  C+  CF / (CO  C+  C+  C+  C-  CATTLE  CATTLE  S 3 170  Z  CATTLE  Surgery, or tests. (An explanation of the procedures, responsible accompanying pain or distress in these animals and the resection, research, experiments, or tests were conducted involving accompanying pain or distress, or interpretation of the teaching, research, experiments, or tests were conducted involving accompanying pain or distress, or used or interpretation of the recodures producing pain or distress in these animals and the resection accompanying pain or distress, or used must be attached to this report transpullizing drugs were used.  C+  C+  C+  CHAMBER OF / (CO  C+  C+  CHAMBER OF / (CO  C	REPORT OF ANIMALS	USED BY OR UNDER C	CONTROL OF RESEARCE	CH FACILITY ( Attach additions	al sheets if necessary or use APHIS Form 7023A )	
5. Cats 6. Guinea Pigs 7. Hamsters 8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals  Cattle 53 170 2	Animals Covered By The Animal	being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye used for such	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz 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 reser	TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
7. Hamsters  8. Rabbits  9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals	4. Dogs					
7. Hamsters  8. Rabbits  9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals  Cattle 57 170 2	5. Cats	,				
8. Rabbits 9. Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals  Cattle 53 170 2	6. Guinea Pigs					
9. Non-human Primates  10. Sheep  11. Pigs  12. Other Farm Animals  Cattle 53 170 2	7. Hamsters					
10. Sheep  11. Pigs  12. Other Farm Animals  Cattle 57 170 2	8. Rabbits					
11. Pigs  12. Other Farm Animals  Cattle 57 170 2	9. Non-human Primates					
12. Other Farm Animals  Cattle 57 170 2	10. Sheep					
Cattle 57 170 2	11. Pigs					
	12. Other Farm Animals			-		
13. Other Animals	Cattle	53	170	2		172
	13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual rese 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 ap 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 the committee (IACUC) and the committee (IACUC) 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.

	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive Officer or Legally Responsible Institutional Official )	
SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL (Typesor Print)	DATE SIGNED

APHIS FORM 7023

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

( AUG 91 )

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0032

CUSTOMER NUMBER: 1751

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

**lowa Cancer Research Foundation** 4415 Woodland Ave Ste 210- 11043 Aurora Ave.

Des Moines, IA 50309

urbandale, II4 50322-7902

Telephone: (515) -241-8787

55/270-8931

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 Atached Listing

			CH FACILITY ( Attach addition	al sheets if necessarv or use APHIS Form 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, teating, experiments, research, or surgery but not ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 whith the use of appropriate anesthetic, analgesic, or tranquilizery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report		F. TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs	-0 -	-0 -	-0-	- 0 -	- 0 -
5. Cats		(			1
6. Guinea Pigs					
7. Hamsters					
8. Rubbits				·	
9. Non-human Primates					
10. Sheep					
I1. Pigs					
12. Other Farm Animals					
·					
13. Other Animals					
		1			<del></del>
-					
	7	V			· \t/
ASSURANCE STATEMENTS	,		ļ , , , , , , , , , , , , , , , , , , ,		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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 app. 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 in-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 )		 
SIGNATU	C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIA	AL (Type or Print)	DATE SIGNED

APHIS FURM 1023

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

( AUG 91 )

No covered species

NOV 2 4 2004

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0035 CUSTOMER NUMBER: 16953

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Creature Comfort Veterinary Center 2122 Act Circle lowa City, IA 52245

Telephone: (319) -338-9955

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 Atached Listing

REPORT OF ANIMALS	USED BY OF	RUNDER	CONTROL	OF RESEA	RCH FACILITY	/ Attach addition	al sheets if necessary	OF USO ADUIC Form 7000 L	
A.  Animals Covered By The Animal  Jeffare Regulations	B. Number being be condition held for teaching experim research	r of animal red, or use in g, testing, tents, h, or but not ye	C. Num anim which resea expe tests conditions of the conditions of	ber of als upon n teaching, arch, riments, or were ucted ing no pain, ss, or use o relieving	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.  E. Number of animals upon which teaching, experim research, surgery or tests were conducted involving accompanying pain or distress to the animals and the use of appropriate anesthetic, analgesic, or tranquilizing drugs were used.		upon which teaching, experiments, tests were conducted involving or distress to the animals and for white anesthetic, analgesic, or tranquiliz diversely affected the procedures, reside teaching, research, experiments, an explanation of the procedures stress in these animals and the reserving the procedures.	TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )	
4. Dogs	2	5	R	7	C	X		8	
5. Cats	1					$\widetilde{1}$	/		
6. Guinea Pigs						<del> </del>			
7. Hamsters									
8. Rabbits									
9. Non-human Primates									
10. Sheep							·		
11. Pigs									
12. Other Farm Animals				<del></del>					
13. Other Animals				· ·					
		7		7					
	1	/	- [ ]						·
	<del></del>								
ASSURANCE STATEMENTS			-						

(AUG 91)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research
- 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 approximately 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 in
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to

		provided to cosquate veterinary care and to oversee the adequacy of other aspects	of animal care and use.
	CERTIFICATION BY H ( Chief Executive Off	IEADQUARTERS RESEARCH FACILITY OFFICIAL ficer or Legally Responsible 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 88), which is obsolete.)		9/18/04

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0036

CUSTOMER NUMBER:

16632

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Palmer Chiropractic University Foundation 1000 Brady St Davenport, IA 52803

Telephone: (563) -884-5163

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 Atached Listing

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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an 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 whithe use of appropriate anesthetic, analgesic, or tranquilized rugs would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reask such drugs were not used must be attached to this report	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
. Dogs	0	0	0	0	0
5. Cats	0	0	84	0	
6. Guinea Pigs	0	0	0	0	84
7. Hamsters	0	0	0	0	0
3. Rabbits	0	0	0	0	0
). Non-human Primates	0	0	0	0	0
0. Sheep	0	0	0	0	0
1. Pigs	0	0	0	0	0
2. Other Farm Animals	0	0	0	0	0
3. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reservables teaching, testing, surgery, or experimentation were followed by this research facility.
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( Chief Executive	Y HEADQUARTERS RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official)	
<del></del>	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		12/1/04

PHIS FORM 7023

SIG

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

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0038
CUSTOMER NUMBER: 25761

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

( TYPE OR PRINT )

Great Ape Trust Of Iowa 1533 Linden Street, Suite 200 Des Moines, IA 50309

Telephone: (515) -243-3582

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 Atached Listing

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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 whithe use of appropriate anesthetic, analgestic, or tranquilizings would have adversely affected the procedures, resor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	OF ANIMALS  ( COLUMNS  C + D + E )
4. Dogs		<u> </u>			
5. Cats	ı				
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates		2			2
10. Sheep					
11. Pigs					
12. Other Farm Animals		·			
1					
13. Other Animals					

#### ASSURANCE STATEMENTS

FORM 7023 AUG 91 )

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual reset teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.

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

- 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 applicational 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 included explanation of the exceptions, as well as the species and number of animals affected.
- A) The attention peterinary 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

<ol> <li>The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy or other act.</li> </ol>	specia of arminer date and acce.
CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ( Chief Executive Officer or Legally Responsible Institutional Official )	
CIAL	DATE SIGNED

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 42-R-0039

CUSTOMER NUMBER: 24432

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

**Blastovac** 183 West Ave. Rural Route

Story City, IA 50248

Telephone: (515) -432-0205

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 )

183 "W" Ave RR Story City IA50248

FACILITY LOCATIONS (Sites) - See Atached Listing

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 ye used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or 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 an 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 whithe use of appropriate anesthetic, analgesic, or tranquilized rugs would have adversely affected the procedures, rese or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasc such drugs were not used must be attached to this report	OF ANIMALS  ( COLUMNS
4. Dogs	6 six	0	0	(7)	$\sim$
5. Cats	0	0	0	The state of the s	0
6. Guinea Pigs	$\mathcal{O}$	0	0	$\hat{\rho}$	0
7. Hamsters	O	$\partial$	0	0	0
8. Rabbits	0	D	0	$\hat{O}$	0
9. Non-human Primates	0	0	$\tilde{\partial}$	D	0
10. Sheep	0	0	ñ	7)	- <del>U</del>
11. Pigs	$\overline{\partial}$	n	n	n	0
12. Other Farm Animats	0	0	0	J	0
13. Other Animals	0	0	Û	0	0

### SSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, 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 approximately 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 in 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.

A	CERTIFICATION BY HE ( Chief Executive Office	EADQUARTERS RESEARCH FACILITY OFFICIAL cer or Legally Responsible Institutional Official )	
SIGN	FFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
APHIS FORM 7023 (Ren	places VS FORM 18-23 (OCT 88) which is obsolete \		09

(AUG 91)

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See reverse side for additional information.

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

42-V-002

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Code)

Department of Veterans Affairs Central Office 810 Vermont Avenue NW Washington, EW DC 20420

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)

584 VA Medical Center

Hwy 6 West

University of Iowa Office of Animal Resources

Iowa City, IA 32246

A.  Animals Covered By The Animal Welfare Regulations	B. Number of animals being bried, 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 leaching, research, experiments, or lests 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, 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).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Doğs			63		63_
5. Cats					
6. Guinea Pigs					
7. Hamsters	31		117		117
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
•					

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	(Chief Executive Office	ADQUARTES RESEARCH FACILITY OFFICIAL ror Legally Responsible Institutional Official) is true, correct, and complete (7 U.S.C. Section 2143).	DEC - 1	2004
SIGNATURE OF C.E.O. OR INSTITUTIONAL C	PFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type of	ir Print)	DATE SIGNED

Interagency Report Control No .:

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)

Nat'L Vet. Svcs Lab Box 844 Ames, IA 50010

Telephone: (515) 663-8504

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 Atached Listing

	held for use in teaching, testing, experiments, research, or surgery but not ye used for such purposes.	which teaching, research, experiments, or tests were conducted involving no pain, distress, or use or pain-relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	research, surgery or tests were conducted involving accompanying pain or distress to the animals and for whe the use of appropriate anesthetic, analgesic, or tranquilized drugs would have adversely affected the procedures, restor interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reast such drugs were not used must be attached to this report	TOTAL NUMBER OF ANIMALS ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs			235		235
7. Hamsters		10			10
3. Rabbits		2	89	·	91
l. Non-human Primates		4, 84,		·	
). Sheep		462			462
1. Pigs	· · · · · · · · · · · · · · · · · · ·	104			104
2. Other Farm Animals					
Cattle		15			15
3. Other Animals					
E1k		6			6
Horses		8			8

### ASSURANCE STATEMENTS

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	TION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL ecutive 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

APHIS FORM 7023

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

( AUG 91 )



November 29, 2004

Annual report of the National Veterinary Services Laboratories (NVSL) for the period of October 1, 2003, through September 30, 2004.

- 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 determine infection with this infectious organism.

  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:

Not applicable

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)

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Ames, IA 50010

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4. Dogs								
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3. Other Animals								
E1k				6	 			6
Horses				8	 	<u> </u>		8

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

DATE SIGNED

( AUG 91 )

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