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 21	See attached form for Interagency Report Control No.: additional information. 0180-DOA-AN
UNITE I STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0002 CUSTOMER NUMBER: 1459
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	University Of Kansas - Animal Care Unit Animal Care Unit Telephone: B054 Malott Hall DEC (785)864-5587 Lawrence, KS 66045
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, te	sting, or experimentation, or held for these purposes. Attach additional sheets if necessary)

A. Animals Covered By The Animal Welfare Regulations	В.	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.		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 NUMBEI OF ANIMALS (COLUMNS C + D + E)
4. Dogs			[56					56
5. Cats				35					35
6. Guinea Pigs									
7. Hamsters				43					43
8. Rabbits		<u> </u>		78		83			161
9. Non-human Primates	1					,			
0. Sheep	1								
1. Pigs					1		1		
2. Other Farm Animals									
3. Other Animals									
		<u></u>	┢	·····		<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 research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official) / certify that the above is true, correct, and complete (7 U.S.C. Section 2143)



ANIMAL AND PLANT HEALTH INSPECTION SERVICE				1. REGISTRATION	04			
CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY :(TYPE OR PRINT)			2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with include Zip Code) University of Kansas Animal Care Unit B054 Malott Hall Lawrence, KS 66045					
ORT OF ANIMALS USED BY C	OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach ad	ditional sheets il neo	cessary or use this form.)			
Animals Covered By The Animal Wellare Regulations	 B. Number ol animals being bred, conditioned, or held lor use in teaching, testing, experiments, research, or surgery but not 	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or	which teachi surger condu accom distre and to anest	er of animals upon experiments, ng, research, y, or lests were cted involving apanying pain or ss to the animals or which appropriate hetic, analgesic, or	E. Number of animals upon which experiments, research, surgery conducted involving accompan to the animals and for which th anesthetic, analgesic, or tranqu have adversely affected the pro- interpretation of the teaching, i experiments, surgery, or tests. the procedures producing pair animals and the reasons such	or tests were ying pain or distress e use of appropriate litzing drugs would cedures, results, or esearch. (An explanation of or distress in these	F. TOTAL NO OF ANIMAL (Cols. C D + E)	
12. &OR 13. Other (List by species)	yel used lor such purposes.	use of pain- relieving drugs.	tranq used.	uilizing drugs were	must be attached to this report			
Marmots			1	10			10	
Snake		130	<u> </u>				130	
Lizard		1					1	
Turtle				64			64	
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				· · · · · · · · · · · · · · · · · · ·				
						·····		
				· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		
· · ·								
SSURANCE STATEMENTS	<u></u>						1	
1). Prolessionally acceptab	ble slandards governing l search, leaching, lesling,				l Ioriate use of anesthetic, analgesic, earch facility.	and tranquilizing drug	s, prior to, durin	
.2). Each principal investiga 3). This facility is adhering						۰.		

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 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).

DATE SIGNES

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Annual Report Site Listing:

Customer ID and Site Address:

Cust ID: 1459

B 054 Malott Hall Lawrence, KS 66045 County: Douglas Telephone (913)864-5587

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Haworth Hall Lawrence, KS 66045 County: Douglas

his report is requir∺d by law (7 USC 2143). Failure to report according to the regulations can esult in an order to cease and desist and to be subject to penalties as provided for in Section 21				port Control No.:			
UNITED	UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				ATE NUMBER: 48-R-0003 MER NUMBER: 1460		APPROVED 0. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				University Of Ks Med Ctr 3901 Rainbow Blvd Telephone: (913)588-7015 Kansas City, KS 66160			
64st 3901	ID 1460 Rainbow Bl	vd Facili	TY LOCATIONS	(Sites) - See /	Kansas Ci Bldgs RS MRRC	ty F and	
	· · · · · · · · · · · · · · · · · · ·	r	r		al sheets if necessary or use APHIS Fo		
A. Animais Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in beaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which beaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of a which seperi teaching, res surgery, or to conducted in accompanyi distress to th and for whic appropriate analgesic, o tranquilizing usod.	ments, iearch, ssts were woking ng pain or ie animals h anesthetic, r	E. Number of animals upon which teachin research, surgery or tests were conduc- accompanying pain or distress to the a which the use of appropriate anesthetic tranquilizing drugs would have adverse procedures, results, or interpretation of research, experiments, surgery, or tests explanation of the procedures producin in these animals and the reasons such used must be attached to this report).	ted involving mimals and for c, analgesic, or ly affected the the teaching, s. (An g pain or distress	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	36	C)	0		36
5. Cats	0	0.	31		0		31
6. Guinea Pigs	0	0	40)	0		40
7. Hamsters	0	0	156	<u>,</u>	0		156
8. Rabbits	0	22	93	3	0		115
9. Non-human Primates	0	0	14()	0		140
0. Sheep	0	0	()	0		0
1. Pigs	0	0	30)	0		30
2. Other Farm Animals							
	0	0	()	0		0
3. Other Animals							
Gerbils	0	0	49	€	0		49
ASSURANCE STATEMENT	ſS						

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 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.

	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)	
SIG		DATE SIGNED
		n/2

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Annual Report Site Listing:

Customer ID and Site Address:

Cust ID: 1460

3901 Rainbow Boulevard Kansas City, KS 66160 7100 County: Wyandotte Telephone (913)558-7015

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his report is required by law (esult in an order to cease and	7 USC 2143). Failure to re desist and to be subject to	port according to the regulat penalties as provided for in	tions can Section 21		attached form for ional information.	Interagency Re 0180-DOA-AN	port Control No.:
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				1. CERTIFICATE NUMBER CUSTOMER NUMBER			APPROVED O. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				Wichita State Un 1845 Fairmount Wichita, KS 672	Box #26 60	Telephone (316)689-3	3111
Same as				Sites) - See Atached Listing			
				tach additional sheets if	necessary or use APHIS	5 Form 7023A)	
A. Animais Covered By The Animai 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 ar which experim teaching, res surgery, or te conducted in accompanyir distress to th and for which appropriate a analgesic, or	eriments, research, surgery or tests were conducted involving research, accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic. 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 dist in these animals and the reasons such drugs were n		ching, experiments, iducted involving the animals and for hetic, analgesic, or ersely affected the or of the teaching, tests. (An ucing pain or distress such drugs were not	F. TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E)
. Dogs							
. Cats							
Guinea Pigs							
Hamsters							
. Rabbits							
. Non-human Primates							
). Sh ee p							
1. Pigs						· ···=rs/	
2. Other Farm Animals					,		
3. Other Animals							
Mice	274		73				73
Rats	97		218				218
Hamsters	135		117				117
ASSURANCE STATEMENT	S						

2) Each principal investigator has considered alternatives to painful procedures.

s

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true correct and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/25/0

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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 21							Interagency Report Control No.; 0180-DOA-AN	
UNITED STATES DEPARTMENT OF AGRICULTURE				1. CERTIFICATE CUSTOMER		48-R-0015 1437		1 APPROVED 10. 0579-0038
				Emporia, I	& Grants Imercial I KS 6680	Center 30x.4048 1/003 1		5803 - <i>535</i> 7
3. REPORTING FACILITY (L	ist all locations where anim	als were housed or used in	actual research, test	ting, or experimentati	ion, or held fo	r these purposes. Attach add	tional sheets if ne	cessary)
Visser Hall Breukelman S	cience Buildin	g FACILI	TY LOCATIONS (Sites) - See Atach	ned Listing			
REPORT OF ANIMALS	USED BY OR UNDER C	ONTROL OF RESEAR	CH FACILITY (At	tach additional s	heets if ne	cessary or use APHIS Fo	rm 7023A)	
A. Animais Covered By The Animai Welfare Regulations	B. Number of animals being bred, conditioned, or heid 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 ar which experin teaching, res surgery, or te conducted in accompanyin distress to th and for which appropriate a analgesic, or tranquilizing used.	ments, earch, ists were volving ng pain or e animals n inesthetic,	research, accompai which the tranquilizi procedure research, explanatic in these a	f animals upon which teachin surgery or tests were conduct nying pain or distress to the a use of appropriate anesthetic org drugs would have adverse its, results, or interpretation of experiments, surgery, or tests on of the procedures producin nimals and the reasons such it be attached to this report).	ed involving nimals and for , analgesic, or y affected the the teaching, . (An g pain or distress	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs								
5. Cats								
6. Guinea Pigs						• 11 ⁻ ¥2 <u>—</u> 4024 ±1		
7. Hamsters							<u> </u>	
8. Rabbits	2	2						2
9. Non-human Primates								
0. Sheep							, na -	
1. Pigs						9 18 9		
2. Other Farm Animals								
3. Other Animals								
Norway rat	90	80						80
House mouse	100	30						30
ASSURANCE STATEMENT	s	l						
1) Professionally accept research, teaching, to	table standards governing t esting, surgery, or experime	he care, treatment, and use ntation were followed by thi	of animals, including s research facility.	g appropriate use of a	anestetic, ana	lgesic, and tranquilizing drugs	s, prior to, during,	and following actual

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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

 \overline{t} DATE SIGNED 1/22/02

Annual Report Site Listing:

Customer ID and Site Address:

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Cust ID: 1437

1200 Commercial St. Emporia, KS 66801 County: Lyon Telephone (316)341-5803

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to çease and desist and to be subject to penalties as provided for in Section 21	See attached form for additional information.	interagency Report Control No.: 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0018 CUSTOMER NUMBER: 1359	FORM APPROVED OMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	Pittsburg State Univ 1701 S Broadway	Telephone:
	Pittsburg, KS 66762	(316)235-4732
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, to	esting, or experimentation, or held for these purposes. Attach ad	dditional sheets if necessary)

			REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of 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 NUMBER OF ANIMALS (COLUMNS C + D + E)					
4. Dogs										
5. Cats										
6. Guinea Pigs										
7. Hamsters										
8. Rabbits		6			6					
9. Non-human Primates										
0. Sheep										
1. Pigs										
2. Other Farm Animals										
3. Other Animals										
ASSURANCE STATEMENT			<u> </u>	<u> </u>						

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.

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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 approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

DATE SIGNED 11/30/00

This report is required by im- result in an order to cease, a	w (7 USC 2143). Henure to and desist and to be subject	report according as use regulate penalties as provided for	In Section 21		additional information.	0180-DOA-AP	l 	
UNITED STATÉS DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE			1. CERTIFICATE NUMBER: 48-R-0025 FORM APPROVI OMB NO. 0579-0 CUSTOMER NUMBER: 1424					
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)				NOV 9 LUC Colby Community College 1255 S Range (785)462-3984 Colby, KS 67701				
. REPORTING FACILITY (List all locations where anim	nals were housed or used in	actual research, test	ing, or experime	ntation, or held for these purposes. Attach ad	Iditional sheets if ne	cessary)	
		FACIL	TY LOCATIONS (Sites) - See /	tached Listing			
Agricultural/								
	1	C. Number of			al sheets if necessary or use APHIS F		F.	
A. Animais Covered By The Animai Wettare 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 an which experim teaching, rese surgery, or tes conducted inv accompanyiny distress to the and for which appropriate an analgesic, or tranquiltzing d used.	ents, arch, its were obving g pain or animals esthetic,	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 NUMBER OF ANIMALS (COLUMNS C+D+E)	
). Doge			25				25	
. Cats			18	•	:		18 -	
, Guinea Pigs		1	-		1		1	
. Hamstors								
, Rabbits		1					1	
Non-human Primates								
). Sh oo p		10	· · · · · · · · · · · · · · · · · · ·	<u> </u>			10	
I. Pigs								
. Other Farm Animals HOISE		6					6	
Cattle		8					8	
, Other Animais			,				· · · · · · · · · · · · · · · · · · ·	
			· ·					

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to Identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARC (Chief Executive Officer or Legally Responsible I / I certify theil the above is true, correct, and complete (7	nstitutional Official)
SIGNATURE OF C.E.	DATE SIGNED 11-06-00
APHIS FORM 7023 (AUG 91)	

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This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an divier to cease and desist and to be subject to penalties as provided for in Section 21	See attached form for additional information.	Interagency Report Control No.: 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0029 CUSTOMER NUMBER: 1406	FORM APPROVED OMB NO. 0579-0038
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	Parmley Ed & Research Ctr Po Box 17 DEC 19	Telephone: (316)776-0040
	Rose Hill, KS 67133	
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research.	testing, or experimentation, or held for these purposes. Attac	h additional sheets if necessary)

FACILITY LOCATIONS (Sites)	-	See	Atached	Listing
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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.	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 NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	8	0	C	8
6. Guinea Pigs	0	C.	0	C	0
7. Hamsters	0	Ũ	0	\mathcal{O}	0
8. Rabbits	0	O	C	C	C>
9. Non-human Primates	C	0	0	0	0
0. Sh ee p	C	O	0	\mathcal{O}	\mathcal{O}
1. Pigs	0	0	32	0	32
2. Other Farm Animals					
3. Other Animals					
	<u> </u>				
	<u></u>	L	<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 research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures.

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) / certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGN,		int)	DATE SIGNED
			12-12-00
APHIS FORM /UZ3	(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)		

(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 21	See attached form for additional information.	Interagency Report Control No.: 0180-DOA-AN	
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0035 CUSTOMER NUMBER: 1390		
	Trailane Kennels		
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	22549 C Rd	Telephone:	
00T 20	Soldier, KS 66540	(785)948-2557	

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)							
A. Animais 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 NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	48	0	D	Ċ	0		
5. Cats							
6. Guinea Pigs							
7. Hamsters							
8. Rabbita							
9. Non-human Primates							
0. Sheep							
1. Pigs							
2. Other Farm Animals							
3. Other Animals							
······································							

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.

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.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) / 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			
		10-18-00			

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 21	See attached form for additional information.	Interagency Report Control No.: 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0036 CUSTOMER NUMBER: 1410	FORM APPROVED DOMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	Braddick Bldg Salina Regional Med Ctr 400 S Santa Fe	NOV 27 Telephone:
	Salina, KS 67401	(785)452-7603
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, t	esting, or experimentation, or held for these purposes. A	ttach additional sheets if necessary)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animais Covered By The Animai Weifare Regulations	B. Number of animals being bred, conditioned, or heid 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 NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats			3		3		
6. Guinea Pigs							
7. Hamsters							
8. Rabbits							
9. Non-human Primates							
0. Sheep							
1. Pigs							
2. Other Farm Animals							
3. Other Animals							

ASSURANCE STATEMENTS

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		QUARTERS RESEARCH FACILITY OFFICIAL	
			DATESIGNED
агны готм /023 (AUG 91)	(Replaces V3 FORM 10-23 (CC) 00), Which is obsolete.)	,	

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 21	See attached form for additional information.	interagency Report Control No.: 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0039 CUSTOMER NUMBER: 1420	FORM APPROVED OMB NO. 0579-0038
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	Hill's Science & Tech Ctr Po Box 1658 OCT 20 LUL Topeka, KS 66601	Telephone: (785)286-8146
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, te	sting, or experimentation, or held for these purposes. Attach ad	ditional sheets if necessary)

A. Animais Covered By The Animai Welfare Regulations	В.	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.	research, su accompanyin which the us tranquilizing procedures, research, ex explanation e in these anir	nimals upon which teaching, experiments, regry or tests were conducted involving up pain or distress to the animals and for e of appropriate anesthetic, analgesic, or drugs would have adversely affected the results, or interpretation of the teaching, beriments, surgery, or tests. (An of the procedures producing pain or distress hals and the reasons such drugs were not e attached to this report).	F. TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E)
4. Dogs		13		645		0	0		645
5. Cats		28		470		0	0		470
5. Guinea Pigs									
7. Hamsters									
8. Rabbits									
9. Non-human Primates								С	
0. Sheep									
1. Pigs									
2. Other Farm Animals			-						
3. Other Animals									
					-				
			┢		+		_		

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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)

DATE SIGNED

10-18-0

(100 01)

This report is required by law (7 USC 2143). Failure to report according to the regulations can	See attached form for	Interagency Report Control No.:
result in an order to cause and desist and to be subject to penalties as provided for in Section 21	additional information.	0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE	1. CERTIFICATE NUMBER: 48-R-0040	FORM APPROVED
ANIMAL AND PLANT HEALTH INSPECTION SERVICE	CUSTOMER NUMBER: 9771	OMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY	0CT 7 مانان	Telephone:
(TYPE OR PRINT)	9119 West 74th St Suite 255	(913)432-5428
	Shawnee, KS 66204	
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, test	ting, or experimentation, or held for these purposes. Attach a	dditional sheets if necessary)

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	8.	Number of animals being bred, conditioned, or heid for use in tesching, testing, experiments, research, or surgery but not yet used for such purposes.	C.	Number of animals upon which basching, 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 tranquitizing 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 NUMBER OF ANIMALS (COLUMNS C+D+E)
4. Dogs									0
5. Cats					1		T		0 -
6. Guinea Pigs									0
7. Hamsters									Ŏ
8. Rabbits				dhanarron a rud rann o l'on na		· · · · · · · · · · · · · · · · · · ·			6
9. Non-human Primates				· · · · · · · · · · ·	1	······································			$\tilde{\mathbf{c}}$
0. Sheep									Õ
1. Pigs									Ŭ
2. Other Farm Animals						· · · · · · · · · · · · · · · · · · ·			C
3. Other Animals					 				Ő
v	 								
ASSURANCE STATEMENT	5								

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 HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)		
SIGA		(Type or Print)	DATE SIGNED
			10-5-00
APHIS FORM 7023 (AUG 91)			

This report is required by law (7 USC 2143). Failure to report according to the regulations can result in an ord. / to cases and desist and to be subject to penalties as provided for in Section 21	See attached form for additional information.	Interagency Report Control No.: 0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. CERTIFICATE NUMBER: 48-R-0102 CUSTOMER NUMBER: 1615	FORM APPROVED OMB NO. 0579-0038
	Frazee Veterinary Service NOV 3	
ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)	701 Northeast St	Telephone: (316)251-6037
	Coffeyville, KS 67337	()
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, t	esting, or experimentation, or held for these purposes. Atta	ch additional sheets if necessary)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animais Covered By The Animai Weifare Regulations	B. Number of animals being bred, conditioned, or heid 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 NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs	\bigcirc				0		
5. Cats	\bigcirc				0		
6. Guin c a Pigs	6				0		
7. Hamsters	Õ				0		
8. Rabbits	\hat{O}				0		
9. Non-human Primates	Ň				\bigcirc		
0. Sh oo p	X				Ö		
1. Pigs	D				()		
2. Other Farm Animals	0				ð		
3. Other Animals	0				0		
ASSURANCE STATEMENTS	<u> </u>	l					

URANCE STATEMENTS

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



Annual Report Site Listing:

Customer ID and Site Address:

Cust iD: 1615

701 Ne Street Coffeyville, KS 67337 County: Montgomery Telephone (316)251-6037 _

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This report is required by law (7 USC 2143). Failure to report according to the regulations can	See attached form for	Interagency Report Control No.:
result in an order to cease and desist and to be subject to penalties as provided for in Section 21	additional information.	0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE	1. CERTIFICATE NUMBER: 48-R-0103	FORM APPROVED
ANIMAL AND PLANT HEALTH INSPECTION SERVICE	CUSTOMER NUMBER: 8234	OMB NO. 0579-0036
ANNUAL REPORT OF RESEARCH FACILITY	Hays Medical Center NOV 2 7	Telephone:
(TYPE OR PRINT)	201 E 7th	(785)623-5000
	Hays, KS 67601	
3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, test	ting, or experimentation, or held for these purposes. Attach addit	ional sheets if necessary)

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0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
	0 0 0 0	0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

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		FICIAL al) 13)	
SIGNATURE OF		OFFICIAL (Type & Print)	DATE SIGNED
APHIS FORM 70' (AUG 91)	y,		

This report is required by law result in an order to cease an	(7 USC 2143). Failure to re d desist and to be subject to	port according to the regula penalties as provided for i	itions can n Section 21			iched form for al information.	Interagency Ro 0180-DOA-AN	aport Control No.:
	STATES DEPARTMEN AND PLANT HEALTH II			1. CERTIFICAT	E NUMBER:	48-R-0104 1697		1 APPROVED 40. 0579-0038
Women's Rese	actual research, tes		ansas KS 67214	OCT 2 Ludu		\sim		
	as, Wichita,							
A. Animals Covered By The Animal Weifare Regulations	USED BY OR UNDER C B. Number of animals being bred, conditioned, or heid 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.	CH FACILITY (At D. Number of ar which experir teaching, res surgery, or te conducted in accompanyin distress to th and for which appropriate a analgesic, or tranquilizing used.	nimals upon ments, earch, ists were volving g pain or e animals h inesthetic,	E. Number of research, accompa which the tranquiliz procedure research, explanation in these a	cessary or use APHIS For of animals upon which teaching surgery or tests were conduct nying pain or distress to the ar use of appropriate anesthetic, ing drugs would have adversely es, results, or interpretation of t experiments, surgery, or tests, on of the procedures producing unimals and the reasons such of st be attached to this report.).), experiments, ad involving nimals and for analgesic, or r affected the he teaching, (An pain or distress	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	0			0		0
5. Cets	0	0	0			0		0
6. Guinea Pigs	0	0	0			0		0
7. Hamsters	0	0	0			0		0
8. Rabbits	0	0	0			0		0
9. 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								
Mice	2	11	0			0		11
Rats	1	0	14			0		14

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)		
SIGN,		r Print)	DATE SIGNED
			10/06/00
APHIS FORM 7023 (AUG 91)	(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)		

UNITED STATES DEPARTMENT OF AGRICULTURE	1. CERTIFICATE NUMBER:		
ANIMAL AND PLANT HEALTH INSPECTION SERVICE	CUSTOMER NUMBER:	48-R-0105 10469	FORM APPROVED OMB NO: 0579-0038
ANNUAL REPORT OF RESEARCH FACILITY	Bethel College 300 E 27th	30	
			Telephone: (316)283-2500
	North Newton, KS	67117	

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)							
A. Animals Covered By The Animal Welfare Regulations	B. Number of 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 NUMBER OF ANIMALS (COLUMNS C + D + E)		
4. Dogs							
5. Cats							
6. Guinea Pigs	24	24	0	0	24		
7. Hamsters							
8. Rabbits							
9. Non-human Primates							
0. Sheep							
1. Pigs							
2. Other Farm Animals							
3. Other Animals							
(

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) / certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGN	·	DATE SIGNED, 11 24/0			
АРНК (

This report is required by law result in an order to cease an	(7 USC 2143). Failure to re didesist and to be subject to	port according to the regula penalties as provided for it	itions can n Section 21		See attached form for additional information.	Interagency Re 0180-DOA-AN	eport Control No.:
	STATES DEPARTMEN AND PLANT HEALTH I				ATE NUMBER: 43-R-0113 MER NUMBER: 1790		4 APPROVED NO. 0579-0036
ANNUAL	REPORT OF RE (TYPE OR P	ESEARCH FACI	LITY	9900 Pf	Biomedia Inc SEP 2 Jumm Rd Unit 61 KS 66215	5 Telephone (913)541-	
REPORTING FACILITY (L	ist all locations where anim	als were housed or used in	actual research, test	ing, or experiment	ntation, or held for these purposes. Attach	additional sheets if ne	cessary)
Central Biome	dia, Inc.	FACILI		Sites) - See A	tached Listing		
0425 W. V Hig	hway, Irwin,	MO 64759					
REPORT OF ANIMALS	JSED BY OR UNDER O		CH FACILITY (At	ach additiona	al sheets if necessary or use APHIS	Form 7023A)	
A. Animais Covered By The Animai 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 ar which experir teaching, res- surgery, or te conducted im accompanyin distress to th and for which appropriate a analgesic, or tranguilizing o used.	nents, sarch, sts were oolving g pain or e animals nesthetic,	E. Number of animals upon which tear research, surgery or tests were companying pain or distress to t which the use of appropriate anest tranquilizing drugs would have adve procedures, results, or interpretation research, experiments, surgery, or 1 explanation of the procedures produ- in these animals and the reasons s used must be attached to this report	ducted involving he animals and for hetic, analgesic, or insely affected the h of the teaching, iests. (An ucing pain or distress uch drugs were not	F. TOTAL NUMBE OF ANIMALS (COLUMNS C + D + E)
I. Dogs							
i. Cats							
. Guinea Pigs							
. Hamsters						<u> </u>	
. Rabbits							
). Non-human Primates							
0. Sheep							
1. Pigs							
2. Other Farm Animals							
Horses	0	0	5		0	· · · · · · · · · · · · · · · · ·	5
3. Other Animals							
	1,	L	<u> </u>				<u> </u>

2) Each principal investigator has considered alternatives to painful procedures.

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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICU (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	_	
S	rint)	DATE SKONED 9/22/52

	ES DEPARTMENT OF A					PPROVED). 0579-0036	
6	2000			2. HEADQUARTERS RESEARCH FACELITY (Name and Address, as registered with US include Zip Codes KANSAS STATE UNIVERSITY			
ANNUAL REPOR					103 FAIRCHILD H		
	PE OR PRINT)				FOUNDERS HALL		
					MANHATTAN, KS 6	6506-1103	
3. REPORTING FACILITY (List all id sheets if necessary.)	Calions where animals	were housed or used	ia ectual res	earch, lesting, loac	hing, or experimentation, or held for th	Nece purposes, Atta	ch additional
		FAL		(India) ZHONT			
Ackert Hall Bluemont Hall		ll Hall			Oog Facility		
Burt Hall		stin Hall Der Hall			reyhound Complex		
Bushnell Hall			s cility	veteri Veteri	nary Clinical Scie	ences Build	ding
EPORT OF ANIMALS USED BY OR	UNDER CONTROL OF	RESEARCH FACILITY	(Allach auf	Gional sheets if ne	Contemp or use APHIS FORM (023A.)		
A Animale Covered By The Animal Welfere Regulations	B. Number of animats being bred, conditioned, or heid for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, auperiments, or lests were conducted involving ao pain, distress, or use of pain- relieving drugs.	which a leachin surgery conduc accomp distress and for anesthe	r Ul ananais upon aperimanis, g. recarch, or lesis ware ted involving annyag pain or s to the animals which appropriate tilc, analysesic, or lich, analysesic, or	E. Number of animals upon which is asperiments, research, surgery o conducted involving accompany to the animals and for which the anesthetic, analystic, or tranguit have adversely effected the proc interpretation of the teaching, re- experiments, surgery, or tests. (the procedures producing pain o animals and the reasons such de must be attached to this report).	r tests were ing pain or distress we of appropriate long drugs would adures, results, or caarch, An explanation of or distress in these	F. TOTAL NO. OF ANIMAL (Cols. C + D + E)
. Dogs	22	111		197	0		308
. Cals	0	160	(54	0		224
. Guinoa Pigs	0	3	4	5	0		8
. Hamsters	20	40		32	0		72
. Rabbits	0	1		52	0		63
Non-human Primates	0	0)	0		0
0. Sheep	0	28	()	0		28
1. Pigs	5	2832	4	45	* 96 see Attachment		2978
2. Other Farm Animals							
Cattle	44	12056	C)	0		12100
3. Other Animals							
Wild Rodents	0	120	1	.66	0		286
Gerbils	34	312		0	0		312
Glass Lizard	0	23		0	0		23
SSURANCE STATEMENTS							*

1) Professionally acceptable standards governing the care, treatment, and use of animats, including approvide use of animatic, analgesic, and tranquikzing 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 lucitly is autority to the standards and regulations under the Act, and II 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, is well as the species and number of animals effected.

4) The uttending veterinarism for this research lacility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of winnal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Forthly that the above is time, correct, and complete (7 USC Section 2143)						
\$	L	NAME & TITLE OF CECLOR INSTITUTIONAL OFFICIAL CELLUI TO BE OF PUBLIC	DATE SIGNED			
A (AUG 91)	J 18-23 (OCT 8)	8), =n+ch is obsolyte ;	11/2/00			

PART 1 - HEADQUARTERS

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result in an order to cases and a	ES DEPARTMENT OF				additional information.	0180-00A-AN	
ANULAL AND P	LANT HEALTH INSPE	CTION SERVICE	•	I. REGISTRATION		FORM API	
				2. HEADOUARTE	48-R-0001	Address as oppinion	d with USDA
CONTINUATION	SHEET FOR		i	include Zip Coc	KANSAS STATE 103 FAIRCHILE	UNIVERSTIY	
	ESEARCH FA				FOUNDERS HALI		
C	TYPE OR PRIN	(T)			MANHATTAN, KS	-	3
EPORT OF ANIMALS USED BY DR	UNDER CONTROL D	F RESEARCH FACILITY	1				
Animels Covered By The Animul Welfers Regulations 12. &/OR 13. Other	animult being bred, conditioned, or beld for use in leaching, leasting, experiments, research, or wurgery but not yet used for such	 minutes of animusic upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain. 	which any isaching, surgery, o conducted accompar distract to and for wi anathetic		E. Number al animals upon which appriments, research, surgery conducted inviting accompar- to the animals and for which the anacthetic, analgestc, or trangu- have adversely attacted the pro- interpretation of the searching, re- experiments, surgery, or tests, the procedures producing pain animals and the reasons such of	or lests were ymg pein or distress a une of appropriate illizing drugs would bodures, results, or encorch, (An explemation of or distress in these	F TOTAL NO OF ANNAL (Cols. C D + E)
(List by species)	ригрокет. 	reileviag drugs.	ared ared	ng drugs were	must be attached to this report		
Chinchillas	0	11	()	0		1
Ferrets	0	2	()	0		2
Wild Shrew	0	5	()	0		5
Wood Rabbit	0	3	()	0		3
White Footed	0	544	()	0		544
Deer Mouse	0	271	C)	0		271
Western Harvest Mouse	0	266	0		0	· · · · · · · · · · · · · · · · · · ·	266
Elliots Short tailed Shrew	0	113	0		0		113
Hispid Cotton Bat	0	75	C		0		75
Prairie Vole	0	38	C				
Eastern Wood Rat	0	19	 C		0		38
Thirteen-lined Ground Squirrel	0	17	~ C	f	0		19
Least Shrew	0	7			0		17
Southern bog	0	5			0		7
Lemming Hispid pocket							5
mouse House Mouse	0	3	0		0		3
(feral)	0	2	0		0	····	2
Skinks	0	30	0		0		30
Snakes	0	84	0		0		84
Lizards	0	2	0		0	······	2

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 Protestionally acceptable standards governing the care, treatment, and use of animals, including approvate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and lodgering actual research, leaching, lesting, surgery, or experimentation were followed by this research lacitity.

2) Each principal investigator has considered alternatives to paintial 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 invastigator and approved by the institutional Aximal Care and Uce Committee (IACUC). A summary of all such exceptions is attached to this annual report in addition to stantifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals attached.

	(Chief Executive Officer o	QUARTES RESEARCH FACILITY OFFICIAL r Legally Responsible Institutional Official) rue, correct, and complete (7 U.S.C. Section 2143)	
SIGN THREAS A TO DO WITTING	AL .	NAME & THE CRETE CONTINUE OF C	DATE SIGNED
A			11/21/00
····· · · ·		PART 1	HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANNUAL AND PLANT HEALTH INSPECTION SERVICE CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)						R-0001	FORM APP OMB NO. 0	579-0035
					2. HEADQUARTERS RESEARCH FACULITY (Name and Address as registered with USI (name Zp Code) KANSAS STATE UNIVERSITY 103 FAIRCHILD HALL FOUNDERS HALL MANHATTAN, KS 66506-1103			
AA NO TR	IMALS USED BY OF	R Number CONTROL OF		(Atlach add	ditional sheets if nec			
By ' Weller 12. ±/O F	rels Covered The Arvinus re Regulations 3 13. Other r species)	a ninusi 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 isaching, recarich, asperimenta, or fests were conducted levolving no perim, distress, or ower of pain- reliaving drugs.	which a feachin surgery onnouc accorny distress and for amastike	of animals upon apariments, g. research, or tests were test swoking anying pain or to the animals which appropriate tic, analgecic, or loing drogs were	E. Number of animals upon unich to appriments, resarch, surgery or conducted involving accompanys to the animals and for which the associatic, sargeric, or tracquill have adversely attacted the proc- interpretation of the teaching, en appendents, surgery, or tests. (A the procedures producing pain o animals and the reasons such do must be attached to this report).	Instit ware ng pain or distress ne of appropriate ling drugs would indures, results, or march, in explanation of r distress in these	F TOTAL NO OF ANIMAL (Cole. C D T E)
12.	Horses	18	39		18	0		57
	0x	0	0		7	0		7
·	Goat	0	0		8	0		8
	Bison	0	211		0	0		211
13.	Turtles	0	1		0	0		1
	Frogs	0		· · · · · · · ·	0	0		11
·								
- **						· · · · · · · · · · · · · · · · · · ·		

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 Protessionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquitring drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research techty.

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I contry that the above is true, correct, and complete (7 U.S.C. Section 2143)						
	JAL .	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (T+D+ OF PT+II)	DATE SIGNED			
			11/21/00			
(AUG 31)		PART 1	HEADQUARTERS			

★ We conducted two studies in which half of the pigs were given Salmonella typhimurium. This treatment produced transient clinical symptoms of enteric disease. Our studies had objectives that required that successful host responses to infectious challenge be evoked. In particular, we were evaluating alternatives to feed grade antibiotics in swine diets. Thus, wholesale drug intervention in experimentally infected pigs would completely invalidate the interpretation of the effect of the dietary additive under investigation. Pigs receiving S. typhimurium recovered rapidly from the infectious challenge. In both studies, in the second week following challenge, pigs challenged with enteric disease had feed intake which had completely returned to normal and either gained equally to, or out gained control pigs.