This report is required by law (7 result in an order to cease and c	USC 2143) Failure to Jesist and to be subject	report according to the to penalties as provid	led for in Sectio	m 2150.	See reverse side for additional information.	Interagency Re 0180-DOA-AN	
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE				1. REGISTRATION NO07 32 ROOOT FORM AF OMB NO			
		. .	2.	HEADQUARTER	S RESEARCH FACILITY (Name and A	ddress, as register	
	•				ej due University		
ANNUAL REPOR	T OF RESEAR PE OR PRINT)	CH FACILITY		Ofc of the Vice Pres for Rsrch Hovde Hall of Admin., Rm 347			
(17				West Lafayette, IN 47907 NOV 2			
119				Status: Active			
	ocations where animals	were housed or used i	in actual resear	ch, testing, teact	ning, or experimentation, or held for t	nese purposes. Al	
sheets it necessary.)							
See Attached		FAC		INS (Siles)			
		** <u> </u>					
A	B. Number of	C Number of	T	Iditional sheets if necessary or use APHIS FORM 7023A.)			
Animals Covered	animals being bred.	animals upon which teaching,	D. Number of animals upon which experiments, teaching, research, surgery, or tests were		experiments, research, surgery o conducted involving accompany		
By The Animal	conditioned, or held for use in	research,			to the animals and for which the use of appropria anesthetic, analgesic, or tranquilizing drugs would		
Welfare Regulations	teaching, testing,	teaching, testing, tests were accom		involving ying pain or		ely attected the procedures, results, o	
	experiments, research, or	conducted involving no		the animals hich appropriate	experiments, surgery, or tests.	An explanation of	
	surgery but not yet used for such	pain, distress, or use of pain-	anesthetic; analgesic, or tranquilizing drugs were		the procedures producing pain or distress in thes animals and the reasons such drugs were not use must be attached to this report).		
	purposes.	relieving drugs.	used				
4. Dogs	2	124	402		0		
5. Cats	0	36	0		0	` 	
6. Guinea Pigs	0	22	129		0	•	
7. Hamsters	6	62	216	•	0	÷	
8. Rabbits	12	60	28		0		
9. Non-human Primates	0	0	0		. 0		
10. Sheep	0	6	5		0		
11. Pigs	16	56 <u>6</u>	163		. 0		
12. Other Farm Animals		•			· .		
	, -			3			
13. Other Animals							
Chinchilla	0	- 7	0		0		
Gerbil	0	10	0		0		
	0	9	1		0		

1) Protessionally acceptable standards governing the care, treatment, and use of animals, including approviate use of anesthetic, analgesic, and tranquilizing drugs, pr and tollowing actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

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

12

A

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 explain principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual 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 at 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 at

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 oth animal care and use.

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

.

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

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

APHIS FORM 7023 (AUG 91)

1

1 A A

> (Replaces VS FORM 18-23 (OCT 88), which is obsolete) Uploaded to Animal Research Laboratory Overview (ARLO) on 09/23/2020

•

(TYPE EPORT OF ANIMALS USED BY OR UNDER Animals Covered By The Animal Wellure Regulations tead exp ress ress ress ress	ET FOR A ARCH FAC E OR PRINT ER CONTROL OF	RICULTURE ION SERVICE NNUAL REPO CILITY 7)	1. REGISTRATION 321 2. HEADOUARTER include Zip Code	Cossary or use this form / E. Number of animals open which teaching, experiments, insearch, surgery or tests were conducted involving accompanying pain or to the animals and for which the use of app ancesthetic, analytesk, or trainguilizing drug have adversely attected the procedures, re interpretation of the teaching, research experiments, surgery, or tests (An explana-	e distress propriate s would suits. or when of in these D + E)
OF RESEA (TYPE PORT OF ANIMALS USED BY OR UNDER Animals Covered B Num Animals Covered By The Animal Wellure Regulations 12 &/OR 13 Other (Ust by species) Short Tailed Shrew Thite Footed Mouse Cow Goat Horse	ARCH FAC E OR PRINT ER CONTROL OF Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber	RESEARCH FACILITY C Number of animals upon which leaching, research, experiments, or tests were conducted inviviving no pain, distress, or use of pain- relieving drugs. 21 71 2 11 67	Include Zip Code IRT Include Zip Code (Attach adultitional sheets if neo which experiments. teaching, research, surgery, or tests were conducted involving ancompanying pain or distress to the animals and for which appropriate aresthetic, analycesc, or tranquilizing drugs were used. 0 13 `0 57.	e) NOV (cossary or use this furni i E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accumpanying pain or to the animals and for which the use of app anesthetic, analgesic, or tranquilizing drug have adversely affected the procedures, re- interpretation of the teaching, research, experiments, surgery, or tests (An explana- the procedures producing pain or distress animals and the reasons such drugs were must be attached to this report) 0 0 0 0 0 0	2, 9, 1999 e distress propriate s would suits. or phinn of in these not usod 21 71 15 11 124
OF RESEA (TYPE PORT OF ANIMALS USED BY OR UNDER By The Animal Wellare Regulations 12 8/OR 13 Other (Usi by species) hort Tailed Shrew hite Footed Mouse ow oat	ARCH FAC E OR PRINT ER CONTROL OF Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber of Imber	RESEARCH FACILITY C Number of animals upon which leaching, research, experiments, or tests were conducted inviviving no pain, distress, or use of pain- relieving drugs. 21 71 2 11 67	Attach additional sheets if needs 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.	NOV 1 cossary or use this form / E. Number of animals infini which teaching. experiments, research, surgery or tests were conducted involving accompanying pain or to the animals and for which the use of app anesthetic, analyesk, or tranguilizing drug have adversely attected the procedures, re- interpretation of the teaching, research, experiments, surgery, or tests. (An explana- the procedures producing pain or distress animals and the reasons such drugs were must be attached to this report) 0 0 0 0 0	e distress propriate s would suits. or phon of not usod 21 71 15 11 124
Animuls Covered By The Animal Wellure Regulations 12 &/OR 13 Other (Usi by species) hort Tailed Shrew hite Footed Mouse ow oat	Imber of Immals being ed, inditioned, or Id for use in aching, testing, geeriments, search, or rigery but not it used for such irrposes. 0 0 0 0 0 0	C Number of animals upon which teaching, research, experiments, or tests were conducted inviviving no pain, distress, or use of pain- relieving drugs. 21 71 2 11 67	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. 0 13 0 57	E. Kutherinents, research, surgery or tests were conducted involving accumpanying pain or to the animals and for which the use of app anesthetic, analgesic, or tranquilizing drug have adversely affected the procedures, re- interpretation of the teaching, research, experiments, surgery, or tests. (An explana the procedures producing pain or distress animals and the reasons such drugs were must be attached to this report) O O O O O O	Universal swould swould suits, or when of in these not used 21 71 15 11 124
Animals Covered By The Animal Wellure Regulations 12 &/OR 13 Other (Usi by species) hort Tailed Shrew hite Footed Mouse ow	Imber of Immals being ed, inditioned, or Id for use in aching, testing, geeriments, search, or rigery but not it used for such irrposes. 0 0 0 0 0 0	C Number of animals upon which teaching, research, experiments, or tests were conducted inviviving no pain, distress, or use of pain- relieving drugs. 21 71 2 11 67	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. 0 13 0 57	E. Kutherinents, research, surgery or tests were conducted involving accumpanying pain or to the animals and for which the use of app anesthetic, analgesic, or tranquilizing drug have adversely affected the procedures, re- interpretation of the teaching, research, experiments, surgery, or tests. (An explana the procedures producing pain or distress animals and the reasons such drugs were must be attached to this report) O O O O O O	Universal swould swould suits, or when of in these not used 21 71 15 11 124
(Usi by species) hort Tailed Shrew Thite Footed Mouse Cow Goat Horse	0 0 0 0 0	21 71 2 11 67	0 0 13 0 57	0 0 0 0	71 15 11 124
hite Footed Mouse Cow Coat Norse	0 0 0 0	71 2 11 67	0 13 0 57	0 0 0	15 11 124
Cow Goat Goat	0 0 0	2 11 67	13 0 57	0	11 124
Goat	0	11 67	`0 57	0	124
lorse	0	67	57	0	124
	0	12	5	0	17
					I
		1			
			+		
			•		
				and the second	
	2				
	<u> </u>	<u> </u>			
	••				
SSURANCE STATEMENTS			,		
		and treatment and t	ise of animals, including appro	mate use of anesthetic analgesic and tranquiliz arch facility	ing drugs, prior to, during
 Professionally acceptable standard and following actual research, teac 	ching, lesting, su	rgery, or experimental	tion were followed by this resea	arch lacility	
		and the second state of the second			·
		where the Act	and it has required that exception	ions to the standards and regulations be specific initiary of all such exceptions is attached to initiary of all such exceptions is attached to	d and explained by the this annual report
 This facility is adhering to the stan principal investigator and approve 	ed by the institut	innal Animal Care and	Use Committee (IACUC) A su	ions to the standards and regulations be specim jummary of all such exceptions is attached to e exceptions, is well as the species and number	of animals affected
addition to identifying the IACUC-	approved except	ions, inis summary inc			equacy of other aspects
4) The attending veterinarian for this	s research facility	has appropriate auth	ority to ensure the provision of	adequate veterinary care and to oversee the ad	
animal care and use	CERTIFIC	ATION BY HEA	DQUARTES RESEAR	CH FACILITY OFFICIAL le Institutional Official)	
	(Chief b	certify that the above	is true, confect, and complete t		
			NAME & TITLE OF CE.	O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGN
SIGNATURE OF C.E.O. OR INSTITUTION	1/1/	\mathbf{i}			
	11/14	Las			11/2/
	1hvm	$\cdot)(c)$		a and the second as a second	

.