According to the Paperwork R it displays a valid OMB contro collection is estimated to aver needed, and completing and r	OMB APPROVED 0579-0036 Exp. 10/31/2018							
This report is required by law and to be subject to penalties	Fiscal Year 2013							
	ATES DEPARTMENT			1. REGISTRATION NUMBER 31-R-0028				
02.000.0000.0778/a-avea			2. HEADQUART	2. HEADQUARTERS RESEARCH FACILITY (Name, address, and telephone number as registered with USDA, include ZIP Code)				
ANNUAL RE	PORT OF RES	EARCH FACI		CASE WESTERN RESERVE UNIVERSITY				
	(TYPE OR PRIN			10900 EUCLID AVE				
			CLEVELAN	CLEVELAND, OH 44106				
3. REPORTING FACILITY (L necessary.)	ist all locations where animals	s were housed or used in actu	ual research, testing, teaching, or	experimentation, or held for these purposes. Attac	h additional sheets, if			
		F/	ACILITY LOCATIONS (Sites)					
(b)(7)(F)								
CLEVELAND CLINIC FO								
REPORT OF ANIMALS USE	D BY OR UNDER CONTROL B.	OF RESEARCH FACILITY		sary, or use APHIS FORM 7023A.)	F.			
A. Animals Covered By The Animal Welfare Regulations	D. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	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 we conducted involving accompanying pain or distress to the animals and for which the us appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanal of the procedures producing pain or distress these animals and the reasons such drugs were not used must be attached to this report.	re e of TOTAL NUMBER OF ANIMALS (Cols. C + D + E) s on			
4. Dogs	0	0	32	0	32			
5. Cats	0	0	3	3 0				
6. Guinea Pigs	2	11	14	14 0				
7. Hamsters	0	8	0	0	8			
8. Rabbits	11	78	146	0	224			
9. Non-human Primates	0	0	0	0	0			
10. Sheep	0	0	2	0	2			
11. Pigs	7	1	276	0	277			
12. Other Farm Animals								
13. Other Animals	0	0	4	0	4			

## ASSURANCE STATEMENTS

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

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

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

4.) The attending veterinarian for this research facility has appropriate authority to ensure the provisions 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 (C.E.O.) or Legally Responsible Institutional Official (I.O.)) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR I.O.

NAME AND TITLE OF C.E.O. OR I.O. (Type or Print)

DATE SIGNED 27-JAN-2014

JUL 2013

	B control number. The valid C rage 2 hours per response, in	OMB control number for this in cluding the time for reviewing	formation collection	is 0579-0036.	The time requir	collection of information ed to complete this information hering and maintaining the data	0	MB APPROVED 0579-0036
This report is required by law and to be subject to penalties			ons can result in an	order to cease	e and desist	Interagency Report Control No. 0180-DOA-AN	Fisc	al Year 2013
	ATES DEPARTMENT D PLANT HEALTH IN			REGISTRATIO 31-R-0028				
	ATION SHEET T OF RESEAR (TYPE OR PRIN	CH FACILITY	и	vith USDA, inclu CASE WES 10900 EUC	ude ZIP Code) TERN RESE	H FACILITY (Name, address, and RVE UNIVERSITY	l telephone	e number as registered
REPORT OF ANIMALS USE			•			,		
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 ar which experii teaching, res surgery, or te conducted in accompanyir or distress to animals and which approp anesthetic, a tranquilizing used.	ments, search, ests were wolving ng pain b the for priate analgesic, or	experime were con pain or di which the analgesic adversely or interpr experime of the pro on these	of animals upon which teaching, nts, research, surgery, or tests ducted involving accompanying stress to the animals and for use of appropriate anesthetic, c, or tranquilizing drugs would hav affected the procedures, results, etation of the teaching, research, nts, surgery, or tests. (An explana cedures producing pain or distres animals and the reasons such dru used must be attached to this rep	ation is igs	TOTAL NUMBER OF ANIMALS (Cols. C + D + E)
WOODCHUCKS	0	0	4			0		4
ASSURANCE STATEMENTS	l S							

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

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

- 3.) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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(6), (b)(7)(c)				DATE SIGNED				
				27-JAN-2014				