#### UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

d with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQU. include Z<sub>1</sub> 35-R-0001, Cust ld 616

UNIVERSITY OF WISCONSIN-MADISON 396 ENZYME INSTITUTE 1710 UNIVERSITY AVENUE MADISON, WI 53705

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 (Siles)** 

See attached

A.	B. Number of	C. Normbre ed		E. Number of animals upon which teaching,	T
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in leaching, 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.	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 tranquilitzing 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 ANIMAL: (Cols. C + D + E)
4. Dogs	28	182	487		669
5. Cats	15	98	160		258
6. Guinea Pigs	25	17	6		23
7. Hamsters	594	1,199	7		1,206
8. Rabbits	97	513	145		658
9. Non-human Primates	1,264	1,871	570		2,441
10. Sheep	57	49	155		204
11. Pigs	31	73	148		221
COWS 12. Other Farm Animals	0	4	0		4
Goats	27	0	69		69
Gerbils 13. Other Animals	0	53	0		53
Chinchilla	0	112	0		112
Mink	0	85	0		85
Ground Squirrels	0	0	47		47

- 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 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

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)				
SIGNA	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
		11-28-00		

additional information

3180 DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 35-R-0001, Cust Id 616 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

include Zin Code)

FORM APPROVED OMB NO 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University of Wisconsin-Madison 396 Enzyme Institute 1710 University Avenue Madison, WI

REPORT OF ANIMALS USED BY OF	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if neo		
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in feaching, festing, experiments, research, or surgery but not	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or	Number of unimals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or	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	TOTAL NO OF ANIMALS  (Cols. C + D + E)
12 &/OR 13 Other (List by species)	yet used for such purposes	use of pain- relieving drugs.	tranquilizing drugs were used	animals and the reasons such drugs were not used must be effeched to this report)	
Woodchucks	0	0	11		11
Mice (Wild Caught)	1,050	476	66		542
		<u></u>			
		1			
•					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic lanalgesic, and tranquilizing drugs, prior to, during and following actual research, feaching, festing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
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- 4) The afteriding 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)  (Chief Executive Officer or Legally Responsible Institutional 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		
		11-28-00		

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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.

FORM APPROVED

OMB NO 0579-0036

'JSDA,

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

2. HEADOUARTERS 35-R-0003, Cust Id 610 include Zip Code

> (b)(6), (b)(7)(C) VERSITY OF WISCONSIN-EAU CLAIRE

504-A PHILLIPS HALL EAU CLAIRE, WI 54701

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)** 

Biology Department Animal Core Facility

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, leaching, research, surgery, or lests 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)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		140	23		163
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
	<u> </u>				

#### 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 facility.
- 2). Each principal investigator has considered afternatives to painful procedures
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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 HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is frue, correct, and complete (7 U.S.C. Section 2143).					
SIGNAT	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		11-27-00				

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

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

sheets if necessary)

2. HEADQUARTERS RESEARCH FACILITY /Name and Address as registered with USDA include 35-R-0004, Cust Id 769

RIDGLAN FARMS, INC.
P.O. BOX 318

MOUNT HOREB, WI 53572

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, responsing, or experimentation, or new for timese, purposes. Attach additional

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary 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, leaching, 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)
4. Dogs	2597	560	0	0	560
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0				
8. Rabbits	0				
9. Non-human Primates	0				
10. Sheep	0				
11. Pigs	0				
12. Other Farm Animals	0				
13. Other Animals	0				
				- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	
ASSURANCE STATEMENTS	· · · · · · · · · · · · · · · · · · ·				

FACILITY LOCATIONS (Sites)

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

e or Print)	DATE SIGNED	
	9/20/00	

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 0007 FORM APPROVE

OMB NO 0579-0036

red with USDA,

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

2. HEADQ include 35-R-0007. Cust ld 613

> UNIVERSITY OF WISCONSIN-PARKSIDE 900 WOOD ROAD

P. O. BOX 2000 KENOSHA, WI 53141

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)** 

See Attached

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).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	1593	0	226		226
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals		 		•	
13. Other Animals					
					<u> </u>
70 3-00 - 10 - 10 - 10 - 10 - 10 - 10 - 1					ļ

#### **ASSURANCE STATEMENTS**

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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 USC Section 2143)				
SI	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
		11-6-00		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 35-R-0008

FORM APPROVED OMB NO. 0579-0036

10

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

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

1000 North Oak Avenue PO Box 2000

Marshfield WI 54449

Status: Active

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)** 

Marshfield Medical Research & Education Foundation

1000 Noath Oak Avenue Marshfield WT 54449

Federal Tax ID Number: 39-0452970

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 leaching, 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)
4. Dogs	0	0	0	0	0
5. Cats	0	0	2	0	2
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0		0	0	0
8. Rabbits	0	0	2	0	2
9. Non-human Primates	0	0	0	0	0
10. Sheep	0		0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					

### ASSURANCE STATEMENTS

- 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 facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  Lectury that the above is true, correct, and complete (7 U.S.C. Section 2143).				
SIGN/	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		

APHI

which is obsolete)

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

35-R-0009, Cust 10 629

FORM APPROVED OMB NO. 0579-0036

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

Sinai Samaritan Medical Center 945 N 12 th Street PO Box 342, rm W241 Milwaukee, WI S3201-0342

DEC 5 900

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.)

Ninter Research Building
Sinai Samaritan Medical Center.

FACILITY LOCATIONS (Sites)

St. Luke's Animal Facility

St. Luke's Medical Center

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 NO OF ANIMALS  (COIS. C + D + E)
4. Dogs	5	0	63	0	63
5. Cats	$\sim$	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	75	45E	0	0	<u>658</u>
8. Rabbits	0	0	18	0	18
9. Non-human Primates	0		0	O	0
10. Sheep	0	0	0	$\circ$	O
11. Piqs	0	0	3	0	3
12. Other Farm Animals	0	0		0	U_
13. Other Animals	0	0	0		O

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approrlate use of anesthetic, analgesic, and franquilizing 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 HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  1 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 of Print)	DATE SIGNED		

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

Interagency Report Control (No: 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS DESEARCH FACILITY (Name and Address, as registered with USDA include Zip Co. \_\_\_\_

include Zip Ci 35-R-0010. Cust ld 614

UNIVERSITY OF WISCONSIN-RIVER FALLS 410 S. 3RD ST. RIVER FALLS, WI 54022

. REPORTING FACILITY (Lis	it all locations where animals were housed or used in actual research, tes	sting, leaching, or experimentarion, a
•	1.9	- ·
sheets it necessary )	*	

additional

#### FACILITY LOCATIONS (Sites)

Lab Farm 1, 115 Cemetery Rd., River Falls, W

Lab Farm 2, 229 S. Glover Rd., River Falls, WI

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).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep	187				187
11. Pigs	223				223
horses  12. Other Farm Animals	25				25
cattle	266				266
13. Other Animals					

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	.1.
(Chief Executive Officer or Legally Responsible Institutional Official)	

Learnity 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)

DATE SIGNED

10-18-00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

643

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Wehr Life Sciences Building

2. HEADQUAF TOTAL FACILITY (Name and

QUAL TO THE FACILITY (Name and Address, as registered with USDA

Office of Research Compliance, WLS 507 Marquette University P.O. Box 1881

B. REPORTING FACILITY (List all locations where animals were housed or used in actual research sheets if necessary)					
FACILI	ITY LOCATIONS (Siles)				
Schroeder Health Sciences Complex					
	1				

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, Number of C Number of D. Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, conducted involving accompanying pain or distress **Animals Covered** bred, which teaching, teaching, research, to the animals and for which the use of appropriate conditioned, or By The Animal research, TOTAL NO surgery, or tests were held for use in anesthetic, analgesic, or tranquilizing drugs would OF ANIMALS experiments, or Welfare Regulations conducted involving have adversely affected the procedures, results, or teaching, testing, tests were accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these (Cols. C + D + E) research, or involving no and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs Dogs Cats Guinea Pigs Hamsters 3 62 Rabbits Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals 35 Spiny Mice **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 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 affached 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 HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  I certify that the above is true, correct, and complete (7 USC Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	11/29/00			

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE.

17-200

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA,

35-R-0012, Cust ld 800

# ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

(b)(6)\_(b)(7)(C) GALA DESIGN L L C

E3352 CHAPEL ROAD HILLPOINT, WI 53937

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, sheets if necessary.) ch additional

EACH	mv i	OCATIONS	10.11
FACIL	1141	DUATIONS	ISHASI

Oak Hill Farm E3352 Chapel Road, Hillpoint, WI Badger Army Ammunition Plant S7560 Hwy 12, North Freedom, WI 53951

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 NO OF ANIMAL  (Cols. C D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates		······································			
10. Sheep					
11. Pigs					
12. Other Farm Animals Cattle	105	none	10	none	10
13. Other Animals					

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

C	ERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)
	A contract of the following in terms of the contract of the co

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

NAL OFFICIAL (Type or Print)

DATE SIGNED

8 Nov 00

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

12

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADOUR TO DECEMBER FACILITY (Name and Address, as registered with USDA, uiclude Z 35-R-0013, Cust ld 607

UNIVERSITY OF WISCONSIN-STEVENS POINT OLD MAIN BUILDING STEVENS POINT, WI 54481

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or more services.	ach additional
sheets if necessary )	

FACILITY	LOCA	TIONS	(Sites)

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 NO. OF ANIMALS  (Cols. C + D + E)
4. Dogs	0				0
5. Cats	0				
6. Guinea Pigs	0				
7. Hamsters	0	_			0
8. Rabbits	0				0
9. Non-human Primates	0	_			0
10. Sheep	0				0
11. Pigs	0				0
12. Other Farm Animals	0				0
13. Other Animals	0				0

#### 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 facility.

- 2) Each principal investigator has considered alternatives to painful procedures
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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 annual care and use

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL Cope or Print)

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

DATE SIGNED

APRIS FURIN /UZS (AUG 91)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

See attached form for additional information

Interagency Report Control No.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 35-R-0014 CUSTOMER NUMBER: 608

FORM APPROVED OMB NO. 057 -0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

University Of Wisconsin-Whitewater Research And Sponsored Program 800 W. Main Street Whitewater, WI 53190

Telephone: (414) -472-5212

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 animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	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, a	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	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E )
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	2				2
9. Non-human Primate					
10. Sheep					
11. Pigs			To control to the second secon		
12. Other Farm Animals					
13. Other Animals					
		<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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	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIGNAT	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Pri	DATE SIGNED

Interagency Report Contrel No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zir

35-R-0015. Cust ld 611

### (b)(6), (b)(7)(C)

UNIVERSITY OF WISCONSIN-LA CROSSE

1725 STATE STREET LA CROSSE, WI 54601

3.	REPORTING FACILITY	(List all locations	where animals were	housed or us	sed in actual r	esearch, t	esting,
	sheets if necessary t						

.ch additional

### **FACILITY LOCATIONS (Sites)**

Site 2 - Biology Dept - Cowley

DEDORT OF ANIMALS LISED BY	OR LINDER CONTROL O	E RESEABOH FACILITY	(Attach substitutional shugts if no	ecessary 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,	F.  TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					6
5. Cats					D
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates					0
10. Sheep					0
11. Pigs					6
12. Other Farm Animals					0
13. Other Animals					0
Y					

## ASSURANCE STATEMENTS

- 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 facility.
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(Chief Executive Officer	DQUARTES RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official) strue, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	MARKE P TITLE OF OF O OR INSTITUTIONAL OFFICIAL &	DATE SIGNED
		10/26/00

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

NOV

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036 as renistered with USDA.

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADO include 35-R-0016, Cust ld 617

> MADISON AREA TECH COLLEGE DISTRICT 3550 ANDERSON STREET MADISON, WI 53704

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 (Siles)

TRUAX CAMPUS

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 NO.  OF ANIMALS  (Cals. C +  D + E)
4. Dogs			66		66
5. Cats			72		72
6. Guinea Pigs			23		23
7. Hamsters			44		44
8. Rabbits			53		53
9. Non-human Primates					
10. Sheep			4		4
11. Pigs					
12. Other Farm Animals			,	1.	
COWS			12		12
13. Other Animals					
GOATS			24		24
PONIES			5		5

### **ASSURANCE STATEMENTS**

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, lesting, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

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

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

DATE SIGNED

APHIS FORM 7023 (AUG 91)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

00 11 2000 -

1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

2. HEADQUA include Zi 35-R-0017, Cust ld 612

----- CACII ITV (Name and Address, as registered with USDA

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

UNIVERSITY OF WISCONSIN-MILWAUKEE 3209 N. MARYLAND, LAPHAM B14 P. O. BOX 413

MILWAUKEE, WI 53201

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or more controlled. sheets if necessary.)

ach additional

Lapham Hall 3209 N. Maryland Ave., B51

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 leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-retieving drugs.	(Attach additional sheets if ne by thick 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)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		29			29
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

## ASSURANCE STATEMENTS

- 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 facility
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(Chief Executive O	fficer or l	UARTES RESEARCH FACILITY OFFICIAL Legally Responsible Institutional Official) a, correct, and complete (7 USC Section 2143)	
SIGNATUBE-OF C.E.O. OR INSTITUTIONAL OFFICIAL		NAME & TITLE OF	

DATE SIGNED

10/5/00

2,003

This report is required by law (7 USC 2143). Failure to report according to the regulations

See attached form for additional information

Interagency Report Con

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. CERTIFICATE NUMBER: 35-R-0022 CUSTOMER NUMBER: 641

FORM APPROVED OMB NO. 0578-0038

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Gundersen Lutheran Medical Center 1910 South Avenue La Crosse, WI 54601

Telephone: (608) -785-0530

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

FACILITY LOCATIONS (Siles) - See Atlached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY ( Attach additional sheets if nacessary 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 ye	C. Number of snimals upon which leaching, research, experiments, or less were conducted involving no pain, distress, or use of painmilleving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving ecompanying pain or distress ic the animals and for which appropriate anesthelic, a	E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving eccompanying pain or distress to the animals and for which the use of appropriate anesthetic, enalgedic, 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 traed must be attached to	F.  TOTAL NUMBER OF ANIMALS  ( COLUMNS C + D + E)	
4. Dogs			1		7	
5. Cats			14		14	
6. Gulnes Pigs					/	
7. Hamsters			158		158	
8. Rabbits						
9. Non-human Primate						
10. Sheep						
11. Pigs						
12. Other Ferm Animals						
13. Other Animals / 17 Kg			93		93	

#### **ASSURANCE STATEMENTS**

- 1) Professionally accopiable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgedic, and tranquilizing druge, prior to, during, and following actual research, teaching, restling, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures,
- 3) This facility is adhoring 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 voterheaten for this research facility has appropriate authority to ensure the provision of adequate valentiary care and to oversee the adequacy of other espects of enimal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL  ef Executive Officer or Legally Responsible Institutional Official)					
SIG	N	DATE SIGNED			
AFE	nich is obsoleta.				

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

UUL

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA 35-R-0034, Cust Id 639

GENEVA LABORATORIES, INC. P.O. BOX 140 ELKHORN, WI 53121

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testin. sheets if necessary.)

attach additional

#### **FACILITY LOCATIONS (Sites)**

Geneva Laboratories, Inc. (Toxicology

Dept.)

A		B. Number of	C Number of	(Attach adiditional sheets if ne  D. Number of animals upon	E. Number of animals upon which teaching,	F.
Anima By T	als Covered The Animal e Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	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	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. Dogs						
5. Cats						
6. Guinea F	Pigs	51	1740			1740
7. Hamsters	s					
8. Rabbits		35	386	84		470
9. Non-hum	nan Primates					
10. Sheep						
11. Pigs						
12. Other Fa	arm Animals					
13. Other A	nimals					
Ger	bils		6			6
	<u> </u>					

- 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 facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  Legally that the above is true, correct, and complete (7 U.S.C. Section 2143).						
SIGNATU	NAME & TITLE	E OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
-			10500			

919 716 5696 additional information

\_\_P.01/01

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 35-R-0039 638

OMB NO 0579-0036 2. HEADQUARTERS RESEARCH FACILITY (Name and Address, 83 registered with USDA

include Zip Côdei Bio-Life Associates, Ltd.

N6230 County Road G Neillsville, WI 54456 Status: Inactive

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

3. REPORTING FACILITY (List all locations where animals were housed or issed in actual research, leating, teaching, or exportmentation, or held for these purposes. Attach additions sheets if negessory )

FACILITY LOCATIONS (5/104)

Same as Item 2.

A. Animals Covered By The Animal Weltare Regulations	B. Number of animals being bred, conditioned, or held for use in traubling, lesting, aspectments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or installment econducted involving from pain, distress, or use of pointrelieving drugs.	D. Number of assimple upon which experiments, teaching, reprairch, surgery, or lasts were conducted involving accompanying pain or distress to the animals and for which appropriate anestealth, analysistic, or tranquilizing drugs were used.	E Number of animals upon which feeching, experiments, research, surgery of lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitizing drugs would have advantally allested the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An expunation of the procedures producing pain or distress in these enimals and the reasons such drugs were not used must be affected to this report).	(Cols. C +
4. Dogs	0	0	0	00	0
5. Cats	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
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Horses	0	24	0	0	24
Poultry	0	80	0	0	80

- Professionally acceptable standards governing the core, treatment, and use of animals, including approximate use of anesthetic, analogous, and tranquisizing drugs, prior to, during, and tottowing actual research, leaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Fach principal investigator has considered alternatives to paintif procedures
- 3) The 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 Annial 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 birel explaination of the exceptions, as well as the species and number of unimals affected.
- 4) The attending veterinarian for this research bookly has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other usued to of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY (Chief Executive Officer or Legally Responsible Institutional tearny that the abrung is true, correct, and complete (7 U.S.C. Section 214	Official)
NA NA	8/22/DO

(AUG 91)

VIRAPRICOS VS FORM 18-23 (OCT 88), which is obsoli

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

UCT C 2 2000

include Zip Code) 35-R-0042, Cust ld 648 Please note

POWDERJECT VACCINES, INC. 8520 UNIVERSITY GREEN - 585 SCIENCE Dr.

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

-MIDDLETON, WI-53562- Michigan, WI 53711

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

address 3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching,

change of

sheets if necessary.)

onat

**FACILITY LOCATIONS (Siles)** 

855/ Research Way Blvd. Middleton, UI53562 N363 Hubbleton Rd. Waterloo, WI 53594

US63 HUBBIETON I	OR UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cussary or use APHIS FORM 7023A)	
A.  Animals Covered By The Animal Wellare 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-refleving 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)
4. Dogs	!				
5. Cats					
6. Guinea Pigs			396	1/47-14-	396
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			6 89	Mark the second	689
12. Other Farm Animals					
13. Other Animals					

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

- 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 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 vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary cure and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	۱.
(Chief Executive Officer or Legally Responsible Institutional Official)	

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

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

1447 - 4721 | 2017 19

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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

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQI

DON EACH ITY (Name and Address, as registered with USDA, 35-R-0105, Cust ld 635 include

W240

FACILITY LOCATIONS (Sites)

N3425 HIGHWAY J PEWAUKEE, WI 53072 600 16 2000 July

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentarion, or in-

ttach additional

W240 N3425 HEYJ Pewsuheer Lot 53012

A. Animals Covered By The Animal Wellare 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)
4. Dogs			0		0
5. Cats					
6. Guinea Pigs					ľ
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
			<b>V</b>		
					<u> </u>

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

CERTIFICATION BY 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)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED		
, ,		10/10/00		

Interagency Report Control No. 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 1. REGISTRATION NO.

FORM APPROVED OMB NO. 0579-0036

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

35-R-0108, Cust ld 622

PANIGEN, INC W8959 HIGHWAY 39 BLANCHARDVILLE, WI 53516

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, to sheets it necessary) additional

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			7

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	' (Attach adiditional sheets if ne	cessary 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 animats 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, feaching, 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)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
Non-human Primates					
10. Sheep	4				
11. Pigs					
12. Other Farm Animals					
GOATS	<b>20</b>	7			7
13. Other Animals					

**FACILITY LOCATIONS (Sites)** 

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY 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)					
CONTRACTOR OF CO	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
And the second s		9-19-00			

**ASSURANCE STATEMENTS** 

See reverse side for

Interagency Report Control No

This report is required by law (7 USC 2143) Failure to report according to the regulation result in an order to cease and desist and to be subject to penalties as provided for in Se	ction 2150. additional information.	0180-DOA-AN
UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE	1. REGISTRATION NO.	FORM APPROVED OMB NO 0579-0038
ANNUAL REPORT OF RESEARCH FACILITY CON (TYPE OR PRINT)	2. HEADQUARTERS RESEARCH FACILITY (Name and A include Zip C 35-R-0109, Cust ld 774  GREAT LAKES NUTRITION, INC. 6493 ROSY LANE RIDGEWAY, WI 53582	ddress as registered with USDA
REPORTING FACILITY (List all locations where animals were housed or used in actual resheets if necessary)	earch, lesting, teaching, or experimentation, or new our i	nusu purpusus. Ambun additional
FACILITY LOCA	ATIONS (Siles)	
For SI GIN THE		

316/05/ GL	N, 2kc,			<u> </u>					
5392 Sections Line Road, Dodgeville, WI 53533									
REPORT OF ANIMALS USED BY O	REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional 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 accompunying 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).	TOTAL NO. OF ANIMALS  (Cols. C + D + E)				
4. Dogs		60			60				
5. Cats		68			68				
6. Guinea Pigs									
7. Hamsters									
8. Rabbits									
9. Non-human Primates				·					
10. Sheep									
11. Pigs									
12. Other Farm Animals									
13. Other Animals									
ACCUIDANCE OTATELACUTO									

- 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 facility.
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animal care and use.							
CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL  (Chief Executive Officer or Legally Responsible Institutional Official)  1 certify that the above is true, correct, and complete (7 USC Section 2143)							
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAMER TITLE OF CEOLOR INSTITUTIONAL OFFICIAL (Tune of Point)	DATE SIGNED					

APHIS FORM 7023 (AUG 91)

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

Interagency Report ControyNo 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

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1 REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUADTEDE DECEABON EACH ITV (Name and Address as conistaged with USDA 35-R-0111, Cust ld 795

UNIVERSITY OF WISCONSIN-OSHKOSH

800 ALGOMA BLVD OSHKOSH, WI 54901

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, reaching, or experimentation, or neighbor timese purposes. Attach additional

FACILITY LOCATIONS (Sites)

Department of Psychology

Department of Biology and Microbiology

Halsey Science Center

Clow Classroom Building REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) E. Number of animals upon which teaching, B. Number of C Number of Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments. conducted involving accompanying pain or distress bred. Animals Covered which teaching. leaching, research, to the animals and for which the use of appropriate By The Animal conditioned, or research, TOTAL NO. surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations experiments, or OF ANIMALS conducted involving teaching, testing, have adversely affected the procedures, results, or lests were accompanying pain or interpretation of the teaching, research. experiments, conducted distress to the animals experiments, surgery, or tests. (An explanation of research, or (Cols. C + D + E) involvina no and for which appropriate surgery but not pain, distress, or the procedures producing pain or distress in these anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were purposes. must be attached to this report). relieving drugs used Dogs Cats Guinea Pigs 26 26 Hamsters Rabbits Non-human Primates 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals Rats 12 96 30 126 0 26 Frogs 26 Zebrafish 0 50 50 ASSURANCE STATEMENTS

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SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

DATE SIGNED

10-23-00 1

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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

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 03 200. 35-R-0112

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

include Zip /

(b)(6), (b)(7)(C)

UNIVERSITY OF WISCONSIN-PLATTEVILLE

1 UNIVERSITY PLAZA PLATTEVILLE, WI 53818

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing,

h additional

**FACILITY LOCATIONS (Sites)** 

Pioneer Prairie Farms

29124 College Fa				ADWO SODIM 2022A	
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 feaching, 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 feaching, 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)
4. Dogs					
<ul><li>5. Cats</li><li>6. Guinea Pigs</li></ul>					
7. Hamsters					
8. Rabbits					
<ol> <li>Non-human Primates</li> <li>Sheep</li> </ol>					
11. Pigs	0				0
12. Other Farm Animals  Beef cattle					
13. Other Animals	0				0
Dairy cows	0				0
Beef bulls	0				0
ASSURANCE STATEMENTS			<u> </u>	<u> </u>	<u> </u>

#### **ASSURANCE STATEMENTS**

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)  1 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			
		9/27/00			

:This report is required by law (7 result in an order to cease and 0	USC 2143) Failure to Jesist and to be subject	report according to the to penalties as provid	e regulations c ed for in Secti	can ion 2150.	See reverse side for additional information.	Interagency Repo 0180-DOA-AN	ort Control No
UNITED STAT	ES DEPARTMENT OF A	GRICULTURE		I. REGISTRATION	I NO.	FORM APP	
				Z. HEADQUAF	TOTAL DOLL EACH ITY (Name and A		
ANNUAL REPOR		SEP 2	3 2000	include Zit 35	-R-0113, Cust ld 8989		
ANNUAL REPOR	T OF RESEAR	CH FĂCILITY		PA	N VERA CORPORATION		
(11	'PE OR PRINT)	BY:			SCIENCE DRIVE		
					DISON, WI 53711		
3. REPORTING FACILITY (List all I sheets if necessary)	ocations where animals	were housed or used i	n actual resea	irch, festing, teac	hing, or experimentation, or note to	ف ر پر سات.	ch additional
		FAC	ILITY LOCATI	ONS (Siles)			
USIO Cro	is Country	Road					
Verona,	is Country	3593					
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	' (Attach adidit	tional sheets il ne	cessary or use APHIS FORM 7023A.)		
A. Animals Covered By The Animal Wellare 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.	which exp teaching, surgery, conducte accompa distress t and for w anestheti	of animals upon periments, research, or tests were d involving nying pain or o the animals rhich appropriate c, analgesic, or ring drugs were	E. Number of animals upon which texperiments, research, surgery or conducted involving accompany to the animals and for which the anesthetic, analgesic, or tranquil have adversely affected the procinterpretation of the teaching, reexperiments, surgery, or tests. (the procedures producing pain animals and the reasons such dimust be attached to this report).	in tests were ing pain or distress use of appropriate hizing drugs would sedures, results, or isearch, An explanation of or distress in these rugs were not used	TOTAL NO. OF ANIMALS  (COIS. C + D + E)
4. Dogs							
5. Cats							
6. Guinea Pigs		· · · · · · · · · · · · · · · · · · ·					
7. Hamsters				···			
8. Rabbits							
9. Non-human Primates							
10. Sheep							
- 11. Pigs							
12. Other Farm Animals							
Goats	35	35					35
13. Other Animals							

## ASSURANCE STATEMENTS

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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)					
SIGNA	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
y.		9/19/10			

Interagency Report Control Ny 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip 7

35-R-0114. Cust ld 627

(b)(6), (b)(7)(C)
BELOIT COLLEGE

700 COLLEGE ST BELOIT, WI 53511

 REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, sheets if necessary) ch additional

**FACILITY LOCATIONS (Sites)** 

Beloit College Chamberlin Hard, Room 201

REPORT OF ANIMALS USED BY OF	R UNDER CONTROL OF	RESEARCH FACILITY	(Altach adiditional sheets if ne	cessary 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 NO OF ANIMALS  (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0		0	<i>D</i>	0
6. Guinea Pigs	30*	0	0	0	0
7. Hamsters	0	0	0	ව	0
8. Rabbits	0	0	0	0	0
Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	Õ	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0

#### ASSURANCE STATEMENTS

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	(Chief Executive	Y HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) e above is true, correct, and complete (7 U.S.C. Section 2143)	
SIG	FFICIAL		DATE SIGNED
			10/2/00

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

\* As of 8/1/00, no guinea pigs or any other covered species are being kept at Bolon Celligs. We expect to maintain guinea pigs from 5/01

. .

See reverse side for additional information

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

35-R - 0115

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

35-R-0115, Cust Id 10701

MIRUS CORPORATION 505 S ROSA RD

MADISON, WI 53719

sch additional

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing

**FACILITY LOCATIONS (Sites)** 

505 S. ROSA Rd, MADISON, WI

			l		
REPORT OF ANIMALS USED BY C			f (Attach adiditional sheets if no	ecessary or use APHIS FORM 7023A)	<del></del>
A. Animals Covered By The Animal Wellare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, lesting, 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).	TOTAL NO OF ANIMALS  (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	0	0	Ō	0
9. Non-human Primates					
10. Sheep					
- 11. Pigs					
12. Other Farm Animals					
					<del></del>
13. Other Animals					
ASSURANCE STATEMENTS					

- 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 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.
- 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)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUAP

include Zip 35-R-0029, Cust ld 634

anistared with USBA,

MEDICAL COLLEGE OF WISCONSIN 8701 WATERTOWN PLANK ROAD

P.O. BOX 26509 MILWAUKEE, WI 53226

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)

See Attached

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, 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 lests. (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)
4. Dogs		i	859		859
5. Cats			101		101
6. Guinea Pigs			889		889
7. Hamsters			18		18
8. Rabbits		28	1,160	16	1.204
9. Non-human Primates	ļ		10		10
10. Sheep			0		0
11. Pigs		1	21		22
12. Other Farm Animals					
Goats			14		14
13. Other Animals					
Chinchillas			42		42
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 facility.
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- 4). The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

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

SIGNATURE OF CEOLOR INSTITUTIONAL OFFICIAL

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

**APHIS FORM 7023** (AUG 91)

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

35-R-0029

Site: 001

Status: Active

Oscar F. Peterson Ani Res Ctr

8701 Watertown Plank Road

Milwaukee, WI 53226

County: Hilwaukes

51te: 002 Status: Active Zabłocki VA Hedical Center Building 70

5000 W. National Avenue Hilwaukee, WI 53295

County: Milwaukee

Contact Person: (b)(6), (b)(7)c

ΝE

ΝE

Contact Person:

(b)(6), (b)(7)c

## ANIMAL STUDIES

## I. Justify the appropriateness of the species and state significance.

Approximately 400,000 cases of herpetic keratitis occur each year in the US. Some of these cases are due to initial infections of the cornea which can be treated with antiviral agents alone. Many of the cases, however, are due to recurrent disease which involves severe inflammation and an undesirable immune response, leading to corneal opacification ("stromal disease"). To reduce the risk of visual impairment, therapy including both an antiviral agent and corticosteroid is the standard of care. This form of therapy is successful only about 50% of the time and extended use of steroids causes many complications. The goal of these studies is to determine whether nitric oxide synthase 2 (an inducible enzyme involved in inflammation) plays a role in HSV-induced corneal edema. Our preliminary data indicate that it does. One of our aims is to determine whether NOS2 inhibitors are effective replacements for steroids.

Rabbits are the model of choice because herpetic keratitis in the rabbit mirrors the disease as it occurs in humans, including reactivation. Furthermore, rabbits have large corneas which are amenable to the evaluation of disease severity. This model has provided the preliminary data required to gain FDA approval of four antiviral agents for the treatment of acute disease. Models in mice, cats and guinea pigs have value for certain studies with other goals, but for the type of studies required to achieve our specific aims, rabbits are the best model.

IX. Herpes simplex virus (HSV) is a neutrophic virus which establishes latent infections in the neurons that serve the infected dermatome. HSV DNA also persists at the site of the initial infection. Primary infection will be established in rabbits by injection of 10<sup>5</sup> pfu of virus at the midline of the alveolar mucosa of the mandible. These infections are much like primary infection in humans. The disease is a mild gingivitis, the rabbit seroconverts and a latent

infection is established in the trigeminal ganglia. Three weeks after primary infection, 10<sup>3</sup> pfu of virus is injected into the corneal stroma to produce stromal keratitis. At the time of both infections, rabbits will be anesthetized by IM injection of a mixture of 25 mg/kg ketamine and 5 mg/kg xalazine. One or two drops of 0.5% proparicane will be placed at the site of infection. Some animals will be treated with antiviral agents combined with test compounds possessing putative anti-inflammatory activity. Other animals will receive no medication so that they can be killed at various times after infection and their tissues taken to the laboratory for analysis. The administration of any neuroactive drug other than ones used as part of a specifically-designed protocol could adversely affect the outcome of our studies.

X. Rabbits will be infected with HSV-1 as described in IX above and in the attached methods section of the grant. The primary infection of rabbits rarely causes any problems in our hands. On rare occasion the primary disease can cause ulceration of the gingiva or death due to encephalitis just as it may in humans. The animals will be observed daily for signs of problems. Any animal experiencing severe oral infection or encephalitis will be killed immediately. We do not have exact numbers on these complications, but our guess is that less than 1% of animals experience such difficulties.

The secondary or "recurrent-like" infection of the corneal causes the development of herpetic keratitis and stromal disease. It is our experience that none of these animals will die of encephalitis because they all possess HSV-1 neutralizing antibodies from their primary infections. All of the animals, if not receiving antiviral / steroid therapy, will develop stromal disease which causes their corneas to become edematous and opaque, thus impairing vision. It is our experience that only about 2% of eyes become blind. Rarely (<1%) does bilateral blindness develop. If bilateral blindness develops, the rabbit will be killed immediately. If unilateral

blindness develops, the rabbit remains able to function and eat, and thus is able to complete the experiment.

USDA Registration Number: 35-R-0029 Justification for 6 rabbits in Column E

APPLICATION FOR APPROVAL OF THE USE OF ANIMALS IN RESEARCH AND TEACHING

Principal Investigator:

Date: 4/3/97

NOT A FOIA DELETION

Page 2, supplement

VIII. c. Animals will be used in a project involving pain or distress without administration of appropriate anesthetic, analgesic or tranquilizer drugs. (Attach a statement justifying why such drugs will not be used.)

When animals are infected with virus or when they are given eye exams, appropriate anesthetic and tranquilizer drugs will be used. However, during the course of acute disease 3 to 20 days post infection, animals will experience some pain and distress. For those animals receiving effective antiviral medication, this period will be less than 5 days. The disease is self-limiting in other animals that may not receive effective antiviral therapy. Any pain or discomfort should resolve by day 15 to 20 post infection. The level of discomfort that they experience appears minimal because they continue to eat and drink regularly. They do not experience dramatic weight loss or rub their eyes excessively. The use of topical or systemic analgesics is not a viable option in these studies because HSV is a neurotrophic virus. Any treatment protocol which includes drugs that alter nerve function can affect the outcome of the evaluation of antiviral agents and thus would invalidate the study. If an animal experiences severe complications from infection, it will be euthanized immediately. Unfortunately, the only means to determine the efficacy of an antiviral is to test it in an appropriate animal model by comparison to a control. In some cases the test drug can be compared to a drug known to be effective. Two groups of 6 animals will be used: one treated with acyclovir, the other treated with valcyclovir which is the experimental drug.

IX. Write a brief description of the procedures to be utilized on the animals in your research project. Indicate any physical or physiological impairment or loss of function occurring to the animal from your procedure, i.e., diabetes, blindness, loss of motor abilities. Use additional paper if necessary and attach the methods and vertebrate animal portions from your grant proposal.

In these studies 12 rabbits will be infected in both eyes with the McKrae strain of HSV1. Disease will be allowed to develop for 7 days prior to initiating therapy. During this time the rabbits will experience some pain and discomfort but have a 98% chance of not becoming blind. Therapy will be initiated on day 7 with one of two antiviral therapies (1) acyclovir plus dexamethasone or (2) valcyclovir. It is necessary to allow the disease to develop untreated in order to mimic the human situation. Patients do not come for therapy until the cornea begins to become opacified. By this time the immune response has been triggered and most antivirals when used alone have not been effective. Acyclovir is effective when combined with corticosteroids. Valcyclovir is a pro-drug of acyclovir having more favorable pharmacokinetics in eyes. It has been hypothesized that, because of its enhanced corneal penetration, steroids may no longer be required. It is believed that valcyclovir may more effectively inhibit viral replication in the cornea, thus diminishing the viral load and thereby resulting in a rapid reduction in the immune response.

IX. Write a brief description of the procedures to be utilized on the animals in your research project. Indicate any physical or physiological impairment or loss of function occurring to the animal from your procedure, i.e., diabetes, blindness, loss of motor abilities. Use additional paper if necessary and attach the methods and vertebrate animal portions from your grant proposal.

In these studies, the corneas of rabbits will be infected with the McKrae strain of herpes simplex virus type 1. Herpetic keratitis will be allowed to develop for 7 days prior to initiating therapy. During this time the rabbits will experience some pain and discomfort. The level of discomfort the animals experience is hard to quantify but they do not rub their eyes excessively, suggesting the discomfort is not severe.

Therapy with an antiviral agent and an anti-inflammatory agent will be initiated on day 7 post-infection and continued until days 14 to 20. The natural course of acute disease is symptomatic during the period of 3 to 20 days post infection. The disease is self-limiting and generally becomes asymptomatic in rabbits about 20 days post-infection.

It is necessary to allow the disease to develop untreated in order to mimic the human situation. Patients do not come for therapy until they become symptomatic. By this time, the immune/inflammatory response has been triggered and latent infection of the sensory nerves that serve the infected dermatome have been established.

The use of topical or systemic analgesics is not a viable option in these studies because HSV is a neurotrophic virus. Any treatment that includes drugs that alter nerve function could affect the outcome of experiments designed to evaluate antiviral/anti-inflammatory therapy. Similarly, studies of viral latency could be dramatically influenced by neuroactive drugs. Initiation of antiviral therapy on the day of infection or within a day or two of infection would prevent the disease from developing, thus negating the model.

USDA Registration Number: 35-R-0029 Justification for 6 rabbits in Column E

## CONT.

In these studies, the corneas of rabbits will be infected withthe McKrae Strain of herpes simplex virus type 1. Herpetic keratitis will be allowed to develop for 7 days prior toinitiating therapy. During this time the rabbits will experience some pain and discomfort. The level of discomfort the animals experience is hard to quantify but they do not rub their eyes excessively, suggesting the discomfort is not severe.

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The use of topical or systemic analgesics is not a viable option in these studies becasue HSV is a neurotrophic virus. Any treatment that includes drugs that alter nerve function could affect the outcome of experiments designed to evaluate antiviral, anti-inflammatory therapy. Similarly, studies of viral latency could be dramatically influenced by neuroactive drugs. Initiation of antiviral therapy on the day of infection or within a day or two of infection would prevent the disease from developing, thus negating the model.

(b)(6), (b)(7)c

412199

(b)(6), (b)(7)c

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

35-R-0030. Cust ld 640

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

COVANCE LABORATORIES, INC.

P.O. BOX 7545 MADISON, WI 53707

3. HEPOHIING FACILITY	(List all locations	, where animals w	vere housed or us	ed in actual re:	search, testing,
sheets if necessary)					•

. . .....ech additional

FACILITY LOCATIONS (Siles)

Head quarters (Facility #1

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 leaching, 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 tranquitizing drugs were used.	E. Number of animals upon which leaching, 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)
4. Dogs		1646	283		1929
5. Cats		90			90
6. Guinea Pigs	120	1819	90	1379	3288
7. Hamsters					
8. Rabbits	141	1587	1066	182	2835
9. Non-human Primates	2	912	216		1128
10. Sheep					
11. Pigs		39			45
12. Other Farm Animals					
13. Other Animals					

APHIS

- 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 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 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 anunal care and use.

(Chief Executive (	Y HEADQUARTES RESEARCH FACILITY OFFICIAL Officer or Legally Responsible Institutional Official) above is true, correct, and complete (7 U.S.C. Section 2143)	1
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

VS FORM 18-23 (OCT 88), which is obsolute )

PART : - HEADQUAFTERS

## ATTACHMENT 1

35-R-0030	Site: Status:	001 Active	Covance Laboratories Inc. 3301 Kinsman Boulevard Madison, WI 53704 County: Dane	Contact Person: Joseph Herring 608-241-4471	NE
	Site: Status:	002 Deleted	ASL Building 3 3802 Packers Avenue Madison, WI 53704	Contact Person:	NE
	Site: Status:	003 Deleted	Oak Grove Farm 5919 Oncken Road Wannakee, WI 53549 County: Dane	Contact Person:	NE
	Site: Status:	0 <b>04</b> Deleted	Sunrise Farm AEF Building #5 6315 Kopp Road Waunakee, WI 53549 County: Dane	Contact Person:	NE

Attachment to USDA Annual Report 2000 Explanation regarding animals listed in category E

Rabbits:	(b)(4)	
Guinea Pigs:		



All of the above listed animals in category E were used on studies going to regulatory agencies regarding product safety or toxicity testing. These tests are required of our clients by state, federal, or other regulatory agencies. During the conduct of these studies, it was imperative that the animals receive no drugs that might interfere with the testing in order to assure study validity. These activities and procedures of conduct for the studies were reviewed and approved by the Institutional Animal Care and Use committee.

The regulations that may require these procedures include 21 CFR 58 (FDA), 40 CFR 160 (EPA-FIFRA), 40 CFR 792 (EPA-TSCA), ENV/MC/CHEM(98)17, Revised 1997, Issued 1998 (OECD), 59 NohSan No. 3850 (Japanese MAFF), and Ordinance 21 (Japanese MOHW).

FORM APPROVED OMB NO 0579-0036

2 HEADQUARTE

1. REGISTRATION NO.

include Zip Cc 35-R-0035. Cust ld R30

UNITED VACCINES, INC. 2826 LATHAM DRIVE **MADISON, WI 53713** 

ANNUAL	REPORT OF RESEARCH FACILITY	•
	(TYPE OR PRINT)	

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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

FACILITY LOCATIONS (Siles)

Building 203

Building 227

Duilding has

Animals Covered By The Animal Welfere Regulations	8. 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 leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.		E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animats 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 ANIMAL (Cols. C D + E)
. Dogs					
. Cats					<u> </u>
Guinea Pigs		39	. 0	5	44
. Hamsters					<u> </u>
Rabbits					
Non-human Primates					
0. Sheep					
1. Pias					
2. Other Farm Animals	<u> </u>				
3. Other Animals					
Mink	904	790	20	288	1098
Ferrets	0	26	.; O	0	26
Fox	0	0	0	o	1 0

- 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, teating, surgery, or experimentation were followed by this research facility.
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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)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

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

APHIS FORM /UZ3 (AUG 91)

(Heplaces vs FORM 18-23 (OCT 88), which is obsolute)

PART : - HEADOUAP



October 26, 2000

## ADDENDUM #1

The animals listed in Column E were utilized for safety or potency testing of this firm's products as specified in the following 9 CFR sections:

9 CFR	113.109(c)	Clostridium botulinum
	113.204(b)	Mink enteritis virus
	113.302(c)*	Mink distemper virus
	113.38	Guinea pig safety test

In addition, animal vaccination/challenge testing was performed for the following studies:

- 1. (b)(4)
- 2. Testing of new Master Seed Viruses as specified in 9 CFR or our Outline for Production and approved by APHIS-CVB.
- 3. Testing of pre-licensing, serials, as required by the 9 CFR and approved by APHIS-CVB.

Agencies that regulate the testing of biologics generally insist that these tests run their course without interference. In some instances, such as distemper efficacy tests, the symptoms may become protracted. In these cases, we do administer a euthanasia solution at an appropriate state to reduce pain and distress.

<sup>\* 113.302(</sup>c) applies to mink and ferrets