

Improving Animal Reproduction and Health

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Improving Animal Reproduction and Health

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
301	Reproductive Performance of Animals			8%	
303	Genetic Improvement of Animals			42%	
305	Animal Physiological Processes			9%	
306	Environmental Stress in Animals			3%	
311	Animal Diseases			23%	
314	Toxic Chemicals, Poisonous Plants, Naturally Occurring Toxins, and Other Hazards Affecting Animals			2%	
315	Animal Welfare/Well-Being and Protection			7%	
722	Zoonotic Diseases and Parasites Affecting Humans			6%	
Total				100%	

V(C). Planned Program (Inputs)

1. Actual amount of professional FTE/SYs expended this Program

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	0.0	0.0	4.8	0.0
Actual	0.0	0.0	2.0	0.0

2. Actual dollars expended in this Program (includes Carryover Funds from previous years)

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
0	0	385652	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	384303	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	5550920	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Conduct research and produce refereed publications in the scientific literature.

2. Brief description of the target audience

Animal producers, farmers, agri-tourism

V(E). Planned Program (Outputs)

1. Standard output measures

Target for the number of persons (contacts) reached through direct and indirect contact methods

	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Year	Target	Target	Target	Target
Plan	0	0	0	0
2007	0	0	0	0

2. Number of Patent Applications Submitted (Standard Research Output)

Patent Applications Submitted

Year Target

Plan: 0

2007: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	0	34	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

of refereed manuscripts

Year	Target	Actual
2007	12	16

V(G). State Defined Outcomes

O No.	Outcome Name
1	Accurate research on animal reproduction and health made available and shared
2	Accurate research on Bovine Gamma-Delta T cell functions as determined by WC1 isoforms made available and shared
3	Accurate research on establishment of Zebrafish Bioassay technology for assessing the acute, developmental and reproductive toxicity of Toxaphene and water samples
4	Accurate research on characterization and mechanism of plant responses to ozone in the northeast
5	Accurate research on Runx1 in Hematopoiesis was made available and shared
6	Accurate research on Mitochondrial DNA repair in Trypanosoma brucei was made available and shared

Outcome #1

1. Outcome Measures

Not reporting on this Outcome for this Annual Report

2. Associated Institution Types

3a. Outcome Type:

3b. Quantitative Outcome

Year	Quantitative Target	Actual
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3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
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V(H). Planned Program (External Factors)

External factors which affected outcomes

Natural Disasters (drought, weather extremes, etc.)

Competing Public priorities

Brief Explanation

V(I). Planned Program (Evaluation Studies and Data Collection)

1. Evaluation Studies Planned

Other (peer scientific review)

Evaluation Results

Key Items of Evaluation