

ANIMAL SCIENCES

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V(A). Planned Program (Summary)

1. Name of the Planned Program

ANIMAL SCIENCES

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	4%		4%	
302	Nutrient Utilization in Animals	17%		17%	
305	Animal Physiological Processes	21%		21%	
306	Environmental Stress in Animals	8%		8%	
311	Animal Diseases	50%		50%	
	Total	100%		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	2.0	0.0	22.0	0.0
Actual	2.0	0.0	22.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 26503	1890 Extension	Hatch 39078	Evans-Allen
	0		0
1862 Matching 26503	1890 Matching	1862 Matching	1890 Matching
	0	39078	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Develop innovative new methods to fight animal diseases.
Develop improved livestock through genetics and molecular biology

2. Brief description of the target audience

Commodity groups, state agencies, producers, youth.

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	300	100	1500	200
2007	270	92	1320	195

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

Patent Applications Submitted

Year Target

Plan: 1

2007: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	5	28	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Effectiveness of the research program will be based on publications, external grant support, and integration into existing extension programs

Year	Target	Actual
2007	22	22

Output #2

Output Measure

Create awareness and increase knowledge

Year	Target	Actual
2007	1000	892

Output #3

Output Measure

Expand participation in our Annual Cow College program

Year	Target	Actual
2007	100	120

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of farmers adopting more sustainable and profitable large scale dairy production practices
2	Adoption of more profitable breeds of beef cattle for arid land conditions

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.)

Economy

Appropriations changes

Public Policy changes

Government Regulations

Brief Explanation

Economy, environmental conditions, border issues and government regulations

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

1. Evaluation Studies Planned

After Only (post program)

Evaluation Results

Key Items of Evaluation