

Animal Production

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Animal Production

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	33%		19%	
302	Nutrient Utilization in Animals	0%		23%	
303	Genetic Improvement of Animals	0%		10%	
304	Animal Genome	0%		10%	
305	Animal Physiological Processes	0%		9%	
306	Environmental Stress in Animals	0%		14%	
307	Animal Management Systems	67%		15%	
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	3.0	0.0	6.6	0.0
Actual	3.6	0.0	7.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 212795	1890 Extension 0	Hatch 324117	Evans-Allen 0
1862 Matching 212795	1890 Matching 0	1862 Matching 324117	1890 Matching 0
1862 All Other 3072527	1890 All Other 0	1862 All Other 2499287	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

•Research procedures and technology •Papers, citations, patents •Train students •Dissemination of research results •Educational workshops •Conferences •Commercialization of techniques and products

While there is ample data from research conducted in other species to support a beneficial effect of dietary capsaicin, NMSU research results suggest that when fed capsaicin, in the form of dried jalapeno powder, horses do not experience any enhancements in joint health or function of the immune system. Therefore, further research involving capsaicin and horses should investigate alternative methods of administration of capsaicin to the horse.

2. Brief description of the target audience

The target audience includes: ranchers, feedlot operators, and dairy producers.

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	8	28	36

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

The specific output measures will vary according to the specific project being monitored. The development of research procedures and technology, training of students, publishing research papers, and disseminating research results via educational workshops, conferences, and Extension media are important outputs for the various projects falling under this planned program.

Year	Target	Actual
2007	0	0

V(G). State Defined Outcomes

O No.	Outcome Name
1	# of trained professionals
2	# of improved animal varieties
3	# of research publications
4	# of methods, technology, and animal varieties adopted by public and private sectors
5	Economic development increased
6	Successful animal agricultural enterprises
7	# Extension publications

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

Competing Public priorities

Competing Programmatic Challenges

Brief Explanation

New Mexico continues in a drought, which affects the price of cattle. Priorities between urban, industrial, and agricultural uses of water and land continue to create conflict. The state dairy industry continues to grow, putting pressure on our college to increase support for this sector.

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

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Comparisons between program participants (individuals, group, organizations) and non-participants

Comparison between locales where the program operates and sites without program intervention

Evaluation Results

{No Data Entered}

Key Items of Evaluation
{No Data Entered}