

Animal Production Systems

Animal Production Systems

V(A). Planned Program (Summary)

1. Name of the Planned Program

Animal Production Systems

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	5%		10%	
302	Nutrient Utilization in Animals	4%		10%	
303	Genetic Improvement of Animals	1%		20%	
305	Animal Physiological Processes	1%		0%	
307	Animal Management Systems	52%		30%	
311	Animal Diseases	2%		10%	
315	Animal Welfare/Well-Being and Protection	8%		10%	
601	Economics of Agricultural Production and Farm Management	27%		10%	
Total		100%		100%	

V(C). Planned Program (Inputs)

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	15.0	0.0	9.5	0.0
Actual	14.0	0.0	7.1	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 249435	1890 Extension 0	Hatch 866600	Evans-Allen 0
1862 Matching 249435	1890 Matching 0	1862 Matching 866600	1890 Matching 0
1862 All Other 613502	1890 All Other 0	1862 All Other 549860	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

•Workshops and educational classes for producers •Demonstration plots and field days to showcase the results
 •Individual counseling on producers specific problems •Conduct basic and applied resesarch on livestock, primarily beef, dairy, sheep, and horses

2. Brief description of the target audience

Individual agricultural producers, commodity groups,agri-business partners

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	800	5000	2500	2500
2008	57659	15851	240	0

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

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	0	0	
2008	24	66	90

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of attendees at workshops/trainings/field days

Year	Target	Actual
2008	500	9284

Output #2

Output Measure

Amount of grant dollars garnered to support animal research and outreach programs

Year	Target	Actual
2008	30000	1710764

Output #3

Output Measure

Number of technical and refereed journal articles published

Year	Target	Actual
2008	20	90

Output #4

Output Measure

Number of volunteers supporting this work

Year	Target	Actual
2008	{No Data Entered}	224

Output #5

Output Measure

New technologies adopted by producers.

Year	Target	Actual
2008	{No Data Entered}	10

Output #6

Output Measure

Number of agencies partnering in this program effort.

Year	Target	Actual
2008	{No Data Entered}	83

V(G). State Defined Outcomes

O No.	Outcome Name
1	Number of participants in workshops/trainings/field days indicating an increase in knowledge gained
2	Percent of participants indicating change in behavior/ best practices adopted
3	Economic impact of the change in behavior reported
4	Genetic Evaluation and Improvement of Livestock
5	Economics of animal feed sources

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
------	---------------------	--------

3c. Qualitative Outcome or Impact Statement

Issue (Who cares and Why)

What has been done

Results

4. Associated Knowledge Areas

KA Code	Knowledge Area
---------	----------------

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 Programmatic Challenges

Brief Explanation

- Individuals' ability to attend fee-for-service programs may have been impacted by economic downturns.
- Extensions's ability to provide programming and scholarships for these programs may have been impacted as appropriations continue to decrease and staff is lost.
- Drought in the southwest part of Colorado may have impacted individual producer's ability to remain viable.

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

1. Evaluation Studies Planned

After Only (post program)

Before-After (before and after program)

During (during program)

Case Study

Evaluation Results

As we continue to refine our reporting template, results may actually be higher than we are currently able to report.

As we become more precise in our reporting template, we continue to have more accurate information to report. However, we do need to include more opportunity to report long-term evaluation studies on the economic benefits of this work.

Key Items of Evaluation

Because the Colorado State University Extension Core Competency Areas (CCA) are aligned with program delivery not with Federal reporting categories, there can be imprecision in reporting, especially between animal production systems and plant production systems. This disconnect is continually under review and revision.