

# Animal Health

Animal Health

## V(A). Planned Program (Summary)

### 1. Name of the Planned Program

Animal 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
121	Management of Range Resources			10%	
301	Reproductive Performance of Animals			10%	
302	Nutrient Utilization in Animals			10%	
303	Genetic Improvement of Animals			10%	
307	Animal Management Systems			10%	
311	Animal Diseases			35%	
315	Animal Welfare/Well-Being and Protection			10%	
902	Administration of Projects and Programs			5%	
<b>Total</b>				100%	

## V(C). Planned Program (Inputs)

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	0.5	0.0	9.3	0.0
<b>Actual</b>	0.0	0.0	105.0	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	482523	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	1949480	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	13723859	0

**V(D). Planned Program (Activity)**

**1. Brief description of the Activity**

Activities include the presentation of papers and research results at state nutrition conferences, field days, county meetings and state conventions, and conducting strategic planning meetings with state agricultural groups, including the Montana Stockgrowers Association, the Montana Board of Livestock, and the State Veterinarian.

**2. Brief description of the target audience**

The target audience includes ranchers, seedstock industry, colleagues and related stakeholders, Montana Department of Agriculture, animal health companies, state commodity groups, Montana Stockgrowers Association, and the Montana Board of Livestock.

**V(E). Planned Program (Outputs)**

**1. Standard output measures**

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

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	250	100	0	0
2007	1400	1400	0	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007:	0

**Patents listed**

**3. Publications (Standard General Output Measure)**

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	20	0	20

**V(F). State Defined Outputs**

**Output Target**

**Output #1**

**Output Measure**

Number of research citations

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	15	25

**Output #2**

**Output Measure**

Building built through donations

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	0	0

**V(G). State Defined Outcomes**

<b>O No.</b>	<b>Outcome Name</b>
1	Identify critical infection and resistance processes
2	Number of ranches per year adopting enterprise management of animal health issues
3	Number of novel vaccines developed per year
4	Number of activities per year that prevent disease outbreaks or manage diseases of Montana livestock
5	Number of publications or meetings that maintain or enhance Montana's presence in the production of quality meat products

**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.)

Appropriations changes

Public Policy changes

Government Regulations

**Brief Explanation**

An extended drought created a scenario for increased range and forest fires, which subsequently increased the potential for environmental problems, reduced grazing options, and added stress to livestock that will have landowner impact for years. In these large burn acres, grazing activities become concentrated with livestock and wildlife adding greatly to increases in the potential incidence of disease.

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

**1. Evaluation Studies Planned**

Retrospective (post program)

During (during program)

Other (Review with state agencies)

**Evaluation Results**

Disease outbreaks have been minimized and quarantines implemented.

**Key Items of Evaluation**

Cooperation with the State of Montana Livestock Veterinarian has produced programs to control and eradicate animal diseases and prevent the transmission of wildlife diseases to livestock, thereby protecting the livestock industry from significant long-term negative economic impacts.