

# Livestock Waste Management

Livestock Waste Management

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

### 1. Name of the Planned Program

Livestock Waste Management

## V(B). Program Knowledge Area(s)

### 1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
112	Watershed Protection and Management	25%		0%	
133	Pollution Prevention and Mitigation	25%		0%	
403	Waste Disposal, Recycling, and Reuse	50%		0%	
	<b>Total</b>	100%		0%	

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

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	5.0	0.0	0.0	0.0
<b>Actual</b>	4.0	0.0	0.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 112000	1890 Extension	Hatch	Evans-Allen
	0	0	0
1862 Matching 168000	1890 Matching	1862 Matching	1890 Matching
	0	0	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 presentation materials      •Develop resource material      •Provide presentations and workshops      •Translate scientific materials into lay materials  
 •Identify emerging issues      •Evaluate effectiveness of activities

### 2. Brief description of the target audience

•Owners, managers and employees of animal operations      •Agribusiness and agrifinance personnel  
 •Government agency personnel

**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>	200	200	0	0
2008	320	200	0	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**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>	2	0	
2008	2	0	2

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

**Output Target**

**Output #1**

**Output Measure**

{No Data Entered}

*Not reporting on this Output in this Annual Report*

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	{No Data Entered}	{No Data Entered}

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

<b>O No.</b>	<b>Outcome Name</b>
1	Number of individuals requesting information
2	Number of individuals demonstrating increase in subject knowledge and skills
3	Number of individuals implementing recommended action or practice
4	Number of individuals requesting assistance
5	Number of nutrient management plans written and people trained
6	Estimated dollar value of adopted best management practices
7	Number of nutrient management plans implemented
8	Surface water quality monitoring data collected in watersheds before and after bmp implementation

**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**

As mentioned above, dry weather conditions had a severe impact on water quality monitoring.

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

**1. Evaluation Studies Planned**

After Only (post program)

Retrospective (post program)

During (during program)

Case Study

**Evaluation Results**

A retrospective evaluation is being developed and case study data is being collected on 3 farms.

**Key Items of Evaluation**

Key items that will be evaluated include attitudes of producers towards manure management as well as effectiveness of educational programming on their adoption of bmp's.