Animal Protection

Animal Protection

V(A). Planned Program (Summary)

1. Name of the Planned Program

Animal Protection

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
311	Animal Diseases	100%		100%	
	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	9.0	0.0
Actual	12.0	0.0	12.1	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 5531	1890 Extension 0	Hatch 49927	Evans-Allen 0
1862 Matching 5531	1890 Matching 0	1862 Matching 49927	1890 Matching 0
1862 All Other 1585298	1890 All Other 0	1862 All Other 1270396	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Research will be focused on molecular level work to identify disease mechanisms and prevention approaches, often in collaboration with other labs and institutions. Extension will be focused on workshops, conferences, individual consultations.

2. Brief description of the target audience

Scientists, regulatory and health agencies, land and water based producers and managers, consumers.

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	200	1200	0	0
2007	1313	1800	0	0

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

Patent Applications Submitted

Year	Target
Plan:	0
2007:	2

Patents listed

Docket No. 0162.06. 'A Live Attenuated Antigenically Marked Classical Swine Fever Vaccine'. Inventors: Guillermo Risatti from University of Connecticut, and Manuel V. Borca from Plum Island Animal Disease Center, ARS, USDA.

Docket No. 0088.06. 'A Novel Virulence Determinant within the E2 Structural Glycoprotein of Classical Swine Fever Virus'. Inventors: Guillermo Risatti from University of Connecticut, and Manuel V. Borca from Plum Island Animal Disease Center, ARS, USDA.

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	0	21	21

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Peer reviewed publications

Year	Target	Actual
2007	8	21

Output #2

Output Measure

Workshops and conferences

Year	Target	Actual
2007	1	1

Output #3

Output Measure

Fact sheets, bulletins and newsletters

Year	Target	Actual
2007	5	4

Output #4

Output Measure

Websites developed

Year	Target	Actual
2007	0	0

Output #5

Output Measure

Animal cases examined

Year	Target	Actual
2007	1200	1293

Output #6

Output Measure

Disease surveillance programs implemented

Year	Target	Actual
2007	1	1

Output #7

Output Measure

Books and monographs

Year	Target	Actual
2007	0	0

Output #8

Output Measure

Conference abstracts

Year	Target	Actual
2007	1	2

Output #9

Output Measure

Presentations and short courses

Year	Target	Actual
2007	10	11

V(G). State Defined Outcomes

O No.	Outcome Name
1	Development of new recombinant vaccines
2	New diagnostic tests and approaches developed
3	Regulatory agency actions adopted or implemented

Animal Protection
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 Public priorities
Competing Programmatic Challenges

Brief Explanation

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

1. Evaluation Studies Planned

Retrospective (post program)
Case Study

Evaluation Results

An education program on biosecurity, disease and surveillance have led to avian influenza, Salmonella and other diseases free poultry flocks in Connecticut. Visited poultry farms to discuss health and poultry management with poultry producers to prevent further losses due to diseases. Provided information on current poultry vaccination and medical treatment programs for various viral and bacterial infections.Total egg-laying commercial flocks of 3.5 millions were protected from the spread of Avian influenza, Infectious Bursal Viral Disease, Coryza, Colibacillosis and Pasteurellosis. No outbreaks of Salmonella food-borne outbreaks related to eggs and egg products from the Connecticut commercial egg farms.

Key Items of Evaluation

An education program on biosecurity, disease and surveillance have led to egg-laying commercial flocks of 3.5 millions being protected from the spread of Avian influenza, Infectious Bursal Viral Disease, Coryza, Colibacillosis and Pasteurellosis. No outbreaks of Salmonella food-borne outbreaks related to eggs and egg products from the Connecticut commercial egg farms.