

V(A). Planned Program (Summary)

Program # 5

1. Name of the Planned Program

Human Health and Well Being

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
721	Insects and Other Pests Affecting Humans	0%		45%	
722	Zoonotic Diseases and Parasites Affecting Humans	0%		55%	
	Total	0%		100%	

V(C). Planned Program (Inputs)

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

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Plan	6.0	0.0	17.0	0.0
Actual	0.0	0.0	0.8	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	0	38618	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	38618	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	343599	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Sample mosquito and tick populations in Iowa, exploring abundance and infection rates, such that the public can be informed about when and where they are at greatest risk of exposure to associated diseases. Characterize the ability of 2 different mosquito species, Aedes

vexans and Ochlerotatus triseriatus, to become infected with and to transmit West Nile Virus, and determine the ability of specific mammalian species to serve as a source of West Nile Virus for mosquitoes. Identify and characterize specific genes and proteins that function to allow parasitic pathogens to evade the host immune response.

2. Brief description of the target audience

Target audiences for mosquito surveillance include the Iowa Department of Public Health, participating local public and environmental health agencies, mosquito control professionals, and the general public. Target audiences for tick surveillance include the Iowa Department of Public Health, ISU satellite extension offices, hospitals and clinics (human and veterinary), and the general public. Information from this project also is used by similar state agencies, academic institutions, and vector control programs in surrounding states. Target audiences for the West Nile Virus include researchers; city, county, state and federal public health individuals; and those individuals involved in mosquito surveillance and control activities.

V(E). Planned Program (Outputs)

1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Plan	500	1000	0	0
Actual	0	0	0	0

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

Patent Applications Submitted

Year: 2010
 Plan: 0
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2010	Extension	Research	Total
Plan	1	10	
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of consumers and producers attending workshops on trends and opportunities related to local and regional food systems.
Not reporting on this Output for this Annual Report

Output #2

Output Measure

- Number of consultations with small farmers to match their strengths, weaknesses, and personal situations with particular local food enterprises and markets.
Not reporting on this Output for this Annual Report

Output #3

Output Measure

- Number of consumers and producers who subscribe to newsletters and access web-based resources.
Not reporting on this Output for this Annual Report

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number of small farmers who understand how to participate in local and regional food markets and how to establish new food production enterprises in their farm businesses.
2	Number of producers who integrate local food production into their businesses and grow that enterprise.
3	Number of consumers who learn how to make informed choices regarding the opportunities offered by local and regional food systems.
4	Number of individuals certified to implement Hazard Analysis and Critical Control Point (HACCP) in meat, poultry, and egg production plants.

Outcome #1

1. Outcome Measures

Number of small farmers who understand how to participate in local and regional food markets and how to establish new food production enterprises in their farm businesses.

Not Reporting on this Outcome Measure

Outcome #2

1. Outcome Measures

Number of producers who integrate local food production into their businesses and grow that enterprise.

Not Reporting on this Outcome Measure

Outcome #3

1. Outcome Measures

Number of consumers who learn how to make informed choices regarding the opportunities offered by local and regional food systems.

Not Reporting on this Outcome Measure

Outcome #4

1. Outcome Measures

Number of individuals certified to implement Hazard Analysis and Critical Control Point (HACCP) in meat, poultry, and egg production plants.

Not Reporting on this Outcome Measure

V(H). Planned Program (External Factors)

External factors which affected outcomes

- Natural Disasters (drought, weather extremes, etc.)
- Appropriations changes

Brief Explanation

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

1. Evaluation Studies Planned

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}