

Foods and Nutrition

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Foods and Nutrition

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
501	New and Improved Food Processing Technologies			17%	
502	New and Improved Food Products			14%	
503	Quality Maintenance in Storing and Marketing Food Products			15%	
701	Nutrient Composition of Food			5%	
702	Requirements and Function of Nutrients and Other Food Components			23%	
703	Nutrition Education and Behavior			14%	
711	Ensure Food Products Free of Harmful Chemicals, Including Residues from Agricultural and Other Sources			4%	
712	Protect Food from Contamination by Pathogenic Microorganisms, Parasites, and Naturally Occurring Toxins			8%	
Total				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	0.0	0.0	4.4	0.0
Actual	0.0	0.0	4.8	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	364093	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	702468	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	136634	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Conduct research experiments; publish peer-reviewed articles and other types of publications; create and test new food products; develop and test nutrition interventions; develop new methods to test for food-borne pathogens and pesticide residues; develop databases

2. Brief description of the target audience

Scientists; extension educators; policy makers; specialty food producers; seafood processors; fruit and vegetable farmers; students; nutritionists; 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	0	0	0	0
2007	0	0	0	0

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

Patent Applications Submitted

Year Target

Plan: 0

2007: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan			
2007	0	18	18

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

of peer-reviewed publications

Year	Target	Actual
2007	9	18

Output #2

Output Measure

of other publications

Year	Target	Actual
2007	7	22

Output #3

Output Measure

of professional presentations

Year	Target	Actual
2007	20	42

Output #4

Output Measure

of websites on phytonutrients

Year	Target	Actual
2007	0	0

Output #5

Output Measure

of completed research projects

Year	Target	Actual
2007	3	3

V(G). State Defined Outcomes

O No.	Outcome Name
1	# of new crab-protein-based products developed
2	# of new natural antimicrobials developed from fruits and/or vegetables
3	% of Maine food processors learning about principles of food safety programs
4	# of new analytical methods for detecting phytochemicals in foods
5	# of Maine food processors learning about new methods to detect pesticide residues
6	% of Maine food processors establishing their own HACCP plans
7	% of Maine food processors adopting new technologies to reduce microbial contamination of food products
8	% of acreage planted of acreage planted to new apples varieties that have greater consumer appeal
9	Increase in fruit and vegetable consumption by Maine seniors
10	Increase in consumption of fruits and vegetables by targeted young adults
11	Decrease in obesity among young adults taking part in nutrition education program
12	Reduction in incidence of type 2 diabetes in Maine
13	New methods to improve the post-harvest quality of fresh-cut and processed Maine potatoes
14	New methods for detecting melamine in petfood
15	Increased profitability for Maine apple growers

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
- Competing Public priorities
- Competing Programmatic Challenges
- Populations changes (immigration, new cultural groupings, etc.)

Brief Explanation

{No Data Entered}

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)
- Comparisons between program participants (individuals, group, organizations) and non-participants
- Comparisons between different groups of individuals or program participants experiencing different levels of program intensity.

Evaluation Results

{No Data Entered}

Key Items of Evaluation
{No Data Entered}