

Food and Non-food Products, Development, Processing, Quality and Delivery

Food and Non-food Products, Development, Processing, Quality and Delivery

V(A). Planned Program (Summary)

1. Name of the Planned Program

Food and Non-food Products, Development, Processing, Quality and Delivery

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	40%		40%	
502	New and Improved Food Products	33%		33%	
511	New and Improved Non-Food Products and Processes	27%		27%	
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	7.0	0.0	24.0	0.0
Actual	2.1	0.0	26.9	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 47719	1890 Extension 0	Hatch 548205	Evans-Allen 0
1862 Matching 47719	1890 Matching 0	1862 Matching 380063	1890 Matching 0
1862 All Other 0	1890 All Other 0	1862 All Other 0	1890 All Other 0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Research processes using the latest technology to improve the utilization of by-products for food and non-food products. Connect producers, processors, end users, regulatory officials, economic development professionals, marketing specialists, researchers and extension personnel to integrate the development and delivery of food and non-food products.

2. Brief description of the target audience

- Producers – all types of agriculture.
- Youth Organizations
- Gardeners
- Cottage Industry
- Processors – use products produced in both South Dakota, and neighboring states.
- End Users (includes retail and 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	50	200	50	50
2007	1560	279000	1450	5600

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	17	16	33

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Number of research projects completed on food/non-food products

Year	Target	Actual
2007	1	5

V(G). State Defined Outcomes

O No.	Outcome Name
1	Numbr of producers/processors/end users working with SDSU for research and/or Extension programs related to the development, processing, quality and/or delivery of food or non-food products.
2	Number of producers/processors/end users using the research and educational tools developed by SDSU and their collaborators to make decisions related to the development and delivery of the identified food or non-food item.
3	Number of producers/processors/end users that have developed and are delivering a product impacts the economic/quality of life for the people of South Dakota.

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

The cost of raw product used in the development of new food and other products is a major determinant in the overall viability of a product. In addition, rising food costs impact consumer decisions regarding the purchase of a new product, versus the purchase of an existing/known product.

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

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

Case Study

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}