

Agricultural Systems

Agricultural Systems

V(A). Planned Program (Summary)

1. Name of the Planned Program

Agricultural Systems

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
131	Alternative Uses of Land			20%	
205	Plant Management Systems			40%	
307	Animal Management Systems			40%	
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	0.3	0.0
Actual	0.0	0.0	0.3	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	23471	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	23471	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	54162	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

The potential for agricultural sustainability and food self-sufficiency and security in northern and central New England was examined and researched with particular emphasis on pasture and grazing potential and the integration of plant and animal agriculture to achieve agricultural/farm sustainability. Activities included authoring a nine chapter book "Pastures of Plenty: The Future of Food, Agriculture and Environmental Conservation in New England" with a foreword by the NH Commissioner of Agriculture, 30 presentations to diverse groups, incorporation of project information into a number of undergraduate and graduate level courses at UNH and communication and testimony to local and state government and representative to the US House and Senate.

2. Brief description of the target audience

Project 1: All farmers and future farmers in New England, especially NH, ME, MA and VT, and indirectly, all consumers of food in the region.

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	800	7200	200	0
2007	900	500	100	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	1	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Peer Reviewed Publications

Year	Target	Actual
2007	2	1

Output #2

Output Measure

Chapters in Books

Year	Target	Actual
2007	2	9

Output #3

Output Measure

Author of Book or Editor

Year	Target	Actual
2007	1	1

Output #4

Output Measure

Non-peer reviewed publications including abstracts

Year	Target	Actual
2007	18	5

V(G). State Defined Outcomes

O No.	Outcome Name
1	Change in farming practice
2	Change in food consumption patterns
3	Change in public policy
4	Regulators increase knowledge
5	Change in percent of agricultural land
6	Change in on-farm biodiversity
7	Producers use soil testing.
8	Change in support for small-scale farms
9	Change in farmer income

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

Economy

Competing Public priorities

Populations changes (immigration,new cultural groupings,etc.)

Brief Explanation

The short-term goals of the project have been met. The long-term goals will take time. Energy and feed prices have increased faster than anticipated. This has increased farmer interest in grazing and on-farm feed production.

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

1. Evaluation Studies Planned

Evaluation Results

Key Items of Evaluation