

4.3 Waste Management and Prevention

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V(A). Planned Program (Summary)

1. Name of the Planned Program

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V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
133	Pollution Prevention and Mitigation	86%		86%	
403	Waste Disposal, Recycling, and Reuse	14%		14%	
Total		100%		100%	

V(C). Planned Program (Inputs)

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

Year: 2008	Extension		Research	
	1862	1890	1862	1890
Plan	2.4	0.0	0.5	0.0
Actual	11.7	0.0	7.8	0.0

2. Institution Name: Cornell University

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

Extension		Research	
Smith-Lever 3b & 3c 72263	1890 Extension	Hatch 226556	Evans-Allen
	0		0
1862 Matching 72263	1890 Matching	1862 Matching	1890 Matching
	0	226556	0
1862 All Other 0	1890 All Other	1862 All Other	1890 All Other
	0	0	0

2. Institution Name: NY State Agricultural Experiment Station

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

Extension		Research	
Smith-Lever 3b & 3c 0	1890 Extension 0	Hatch 3087	Evans-Allen 0
1862 Matching 0	1890 Matching 0	1862 Matching 3087	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

This is a statewide educational program entailing a wide range of applied research activities and multiple education methods depending on local context and need. Campus-based faculty and extension associates, regional specialists and county-based educators all are involved in designing, implementing, and evaluating tailored educational efforts depending on the focus and scope of their role.

2. Brief description of the target audience

Residents and property owners are targeted with stewardship and waste reduction and management in their homes and on their properties. Businesses, organizations, and producers are targeted with information about reducing impacts of their operations. Local government and community leaders are targeted with information related to governmental management of waste, such as relationship between waste management and land use, effective recycling programs, and roadkill management. Environmental planners and managers and technical assistance providers are targeted with in-depth information related to their audiences/constituents. Teachers and youth professionals and volunteers are provided with curriculum and training. Youth are targeted with age appropriate education.

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	5500	50000	2500	15000
2008	8225	555072	5872	5286

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

Patent Applications Submitted

Year	Target
Plan:	0
2008:	0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	0	2	
2008	0	0	6

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V(F). State Defined Outputs

Output Target

Output #1

Output Measure

non-credit instructional activities directed to this program.

Not reporting on this Output in this Annual Report

Output #2

Output Measure

non-credit instructional activity contact hours directed to this program.

Not reporting on this Output in this Annual Report

Output #3

Output Measure

funded applied research projects directed to this program.

Not reporting on this Output in this Annual Report

Output #4

Output Measure

of agricultural/natural resources producers and business representatives completing educational programs on managing and reducing waste. (4.3.1a)

Not reporting on this Output in this Annual Report

Output #5

Output Measure

of organization and business representatives completing educational programs on managing and reducing waste. (4.3.2a)

Not reporting on this Output in this Annual Report

Output #6

Output Measure

of local government officials and community leaders completing educational programs on managing and reducing waste and the relationship between waste and land use management. (4.3.4a)

Not reporting on this Output in this Annual Report

Output #7

Output Measure

of consumers, residents, and landowners completing educational programs on waste reduction and management. (4.3.5a)

Not reporting on this Output in this Annual Report

Output #8

Output Measure

of youth completing educational programs on waste management and reduction. (4.3.6a)

Not reporting on this Output in this Annual Report

Output #9

Output Measure

of teachers and youth professionals and volunteers completing educational programs on waste management and reduction. (4.3.7a)

Not reporting on this Output in this Annual Report

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V(G). State Defined Outcomes

O No.	Outcome Name
1	# of agricultural/natural resources producers and business representatives who demonstrate knowledge gains about waste management and reduction. (4.3.1b)
2	# of organization and business representatives who demonstrate knowledge gains about waste management and reduction. (4.3.2b)
3	# of local government officials and community leaders who demonstrate knowledge gains about waste management and reduction and the relationship between waste and land use management. (4.3.4b)
4	# of consumers, residents, and landowners who demonstrate knowledge gains about waste management and reduction. (4.3.5b)
5	# of youth who demonstrate knowledge gains about waste management and reduction. (4.3.6b)
6	# of teachers and youth professionals and volunteers who demonstrate knowledge gains about waste management and reduction. (4.3.7b)
7	# of agricultural/natural resources producers and business representatives documented to have modified existing practices or technologies and/or adopted new practices to manage and reduce waste. (4.3.1c)
8	# of organization and business representatives documented to have modified existing practices or technologies and/or adopted new practices to manage and reduce waste. (4.3.2c)
9	# of producers, businesses, local governments, organizations, landowners, and individuals who collaborate to develop and implement waste reduction and management strategies. (4.3.3a)
10	# of local government officials and community leaders documented to have modified existing practices or technologies and/or adopted new practices to manage and reduce waste. (4.3.4c)
11	# of consumers, residents, and landowners documented to have modified existing practices or technologies and/or adopted new practices to manage and reduce waste. (4.3.5c)
12	# of youth documented to have modified existing practices and/or adopted new practices to manage and reduce waste. (4.3.6c)
13	# of youth introduced to variety of environmental and natural resources career options. (4.3.6d)
14	# of teachers and youth professionals and volunteers who incorporate waste reduction and management knowledge into curriculum. (4.3.7c)
15	# of agricultural/natural resources producers and business representatives documented to have improved waste management practices. (4.3.1d)
16	# of organizations and businesses documented to have established or modified waste management policies to enhance and protect land and water resources. (4.3.2d)
17	Documented instances in which resource managers credit reduced risk from waste handling and disposal; decreased waste volume; and improved environmental equity to implementation of improved waste management practices. (4.3.3b)
18	# of local government officials and community leaders documented to have established or modified waste management policies to enhance and protect land and water resources. (4.3.4d)
19	# of consumers, residents, and/or landowners, documented to have improved waste management practices. (4.3.5d)
20	# of youth documented to have chosen waste management-related careers. (4.3.6e)
21	Documented instances in which public health officials credit decreased public health risks to implementation of improved waste management practices. (4.3.8a)
22	Documented instances in which resource managers credit lower costs for remediation to implementation of improved waste management practices. (4.3.8b)
23	Recycling Agricultural Plastics
24	Economic and Environmentally Sustainable Manure Management for the New York Dairy Industry

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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

Brief Explanation

-- Natural disasters (drought, weather extremes, etc.)

-- Economic downturn

-- Public policy changes

-- Government regulations

-- Competing public priorities

See plan for additional details.

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

1. Evaluation Studies Planned

After Only (post program)

Retrospective (post program)

During (during program)

Case Study

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Evaluation Results

Evaluation results are reflected in the outcome indicators and impact statements associated with each planned program and result from a broad variety of evaluation approaches appropriate to the individual programs and contexts they represent.

Key Items of Evaluation

Each of our planned programs represents broad program emphases and strategies. Program evaluation results are incorporated in outcome statements associated with each plan.