

Agricultural Viability

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Agricultural Viability

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
215	Biological Control of Pests Affecting Plants	20%		20%	
601	Economics of Agricultural Production and Farm Management	50%		50%	
604	Marketing and Distribution Practices	30%		30%	
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	75.0	0.0	36.0	0.0
Actual	20.0	0.0	34.0	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 751055	1890 Extension	Hatch 1979614	Evans-Allen
	0		0
1862 Matching 1479266	1890 Matching	1862 Matching 7187969	1890 Matching
	0		0
1862 All Other 210390	1890 All Other	1862 All Other 3889862	1890 All Other
	0		0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Identify critical programmatic foci/needs based on Extension and stakeholder assessment. These can be broadly defined under three areas:

- Production BMPs (nutrient, pest, waste/by-products management, water quality and quantity, energy)
- Financial BMPs (marketing, labor, risk management, policy e.g. farmland preservation)
- Ag Systems (sustainable ag, organic ag, new crops and use/alternative)
- Develop an inventory of local (county based), regional and statewide programs designed to meet these needs; identify team members and their roles.
- Create a multi-task effort to generate and share research-based information with clientele through demonstrations, educational meetings and workshops, certification programs, trainings, development of recommendation and decision making guides, etc.

2. Brief description of the target audience

Stakeholders (broadly defined to include producers, processors, marketers, end-users, policymakers, legislators)
 Commercial agriculture producers and end-users (such as marketers, processors, consumers, etc.)
 Municipalities and other governmental and non-governmental agencies, etc.

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	8600	1115000	90	150
2008	25523	2255643	85	350

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

Patent Applications Submitted

Year	Target
Plan:	2
2008:	3

Patents listed

US PP19,434 PC 11/08
 US PP18252 P3 11/07
 US PP18,911 P2

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

	Extension	Research	Total
Plan	55	20	
2008	16	71	87

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

Will not report Output Measures on Agricultural Viability programs. See Outcome Measures.
Not reporting on this Output in this Annual Report

V(G). State Defined Outcomes

O No.	Outcome Name
1	<p>Short Term Increases in knowledge and skills of agricultural and horticultural industry professionals will occur.</p> <ul style="list-style-type: none"> • Nutrient management • Pest management • Waste/by-products management and utilization • improving water quality and conserving water • conserving energy • marketing skills • labor management • risk management • policy e.g. farmland preservation • sustainable ag and organic ag production methods • new crops and use/alternative crops
2	<p>Medium Term Productive agricultural land is stabilized to meet the needs of the agricultural industry and the "open space" needs of people of NJ. Agriculture remains a relevant and viable economic sector as profits increase (through reduced costs and/or increased or new sales or revenue streams). Measurable reductions in environmental impact (clear and adequate sources of water, reduced waste, reduced soil losses, reductions in non-point source pollution, etc.) will occur through the adoption of improved and sound management practices. Overall state environmental quality will be enhanced by agriculture, such as through the utilization and recycling of biowastes generated by the non-ag sector or the enhancement of air quality. The products of NJ agriculture will add to the nutritional quality of New Jerseyans food.</p>
3	<p>Long Term New Jersey's agriculture will remain a viable and important industry. New Jersey residents will recognize the importance of agriculture's contributions to societal well being (open space, quality of life) and will support the agricultural industry socially, politically and economically.</p>
4	<p>Medium Term - Measurable reductions in environmental impact (clear and adequate sources of water, reduced waste, reduced soil losses, reductions in non-point source pollution, etc.) will occur through the adoption of improved and sound management practices. Agriculture remains a relevant and viable economic sector as profits increase (through reduced costs and/or increased or new sales or revenue streams).</p>
5	<p>Long Term - Agriculture remains a relevant and viable economic sector as profits increase through reduced cost and/or increased or new sales or revenue streams.</p>
6	<p>Medium Term - The products of NJ agriculture will add to the nutritional quality of New Jerseyans food. Agriculture remains a relevant and viable economic sector as profits increase through new sales and revenue streams.</p>
7	<p>Long Term - New Jersey's agriculture will remain a viable and important industry. New Jersey residents will recognize the importance of contributions to societal well being and health.</p>

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

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

1. Evaluation Studies Planned

- Before-After (before and after program)
- During (during program)
- Time series (multiple points before and after 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.
- Comparison between locales where the program operates and sites without program intervention

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Evaluation Results

Key Items of Evaluation