

Crops and Crop Production Systems

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Crops and Crop Production 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
201	Plant Genome, Genetics, and Genetic Mechanisms	12%		12%	
202	Plant Genetic Resources	7%		7%	
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants	7%		7%	
204	Plant Product Quality and Utility (Preharvest)	10%		10%	
205	Plant Management Systems	14%		14%	
211	Insects, Mites, and Other Arthropods Affecting Plants	14%		14%	
212	Pathogens and Nematodes Affecting Plants	16%		16%	
213	Weeds Affecting Plants	10%		10%	
216	Integrated Pest Management Systems	5%		5%	
601	Economics of Agricultural Production and Farm Management	5%		5%	
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	60.0	0.0	49.5	0.0
Actual	28.2	0.0	57.5	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 499522	1890 Extension	Hatch 1194202	Evans-Allen
	0		0
1862 Matching 499522	1890 Matching	1862 Matching	1890 Matching
	0	1194202	0
1862 All Other 2834316	1890 All Other	1862 All Other	1890 All Other
	0	22308914	0

V(D). Planned Program (Activity)**1. Brief description of the Activity**

Appropriate research experiments; Result demonstrations; Individual consultations as appropriate; Group meetings

2. Brief description of the target audience

Producers; agri-business company representative and government agencies

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	180000	280000	0	0
2008	96926	288386	11160	0

2. Number of Patent Applications Submitted (Standard Research Output)**Patent Applications Submitted****Year** **Target****Plan:** 1

2008: 1

Patents listed

Integrated Process for Ethanol Production from Lignocellulosic Biomass

3. Publications (Standard General Output Measure)**Number of Peer Reviewed Publications**

	Extension	Research	Total
Plan	0	60	
2008	128	54	0

V(F). State Defined Outputs**Output Target****Output #1****Output Measure**

Clientele reached

Year	Target	Actual
2008	100000	100000

V(G). State Defined Outcomes

O No.	Outcome Name
1	Percentage of producers adopting best management practices

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

Government Regulations

Competing Programmatic Challenges

Brief Explanation

{No Data Entered}

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

1. Evaluation Studies Planned

Before-After (before and after program)

During (during program)

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}