

V(A). Planned Program (Summary)

Program # 12

1. Name of the Planned Program

Plants and Their 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				
202	Plant Genetic Resources				
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants				
204	Plant Product Quality and Utility (Preharvest)				
205	Plant Management Systems				
206	Basic Plant Biology				
211	Insects, Mites, and Other Arthropods Affecting Plants				
212	Pathogens and Nematodes Affecting Plants				
213	Weeds Affecting Plants				
214	Vertebrates, Mollusks, and Other Pests Affecting Plants				
215	Biological Control of Pests Affecting Plants				
216	Integrated Pest Management Systems				
	Total				

V(C). Planned Program (Inputs)

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

Year: 2010	Extension		Research	
	1862	1890	1862	1890
Plan	34.0	0.0	49.0	0.0
Actual	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}

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

Extension		Research	
Smith-Lever 3b & 3c	1890 Extension	Hatch	Evans-Allen
{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}
1862 Matching	1890 Matching	1862 Matching	1890 Matching
{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}
1862 All Other	1890 All Other	1862 All Other	1890 All Other
{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}	{NO DATA ENTERED}

V(D). Planned Program (Activity)

1. Brief description of the Activity

NO LONGER REPORTING ON THIS PLANNED PROGRAM

- Conduct meetings, conferences, and workshops
- Publish newsletters and Extension publications
- Develop web sites
- Field days
- Demonstration plots
- Consultations
- Applied research
- Mass media
- Short courses

2. Brief description of the target audience

NO LONGER REPORTING ON THIS PLANNED PROGRAM

- Agricultural crop producers
- Crop consultants
- Agribusinesses
- Landowners
- Horticultural producers
- Professionals involved with golf courses, lawn care, sod production, athletic turf, and grounds
- Individuals and families interested in small farms or alternative enterprises
- Homeowners
- Youth

V(E). Planned Program (Outputs)

1. Standard output measures

2010	Direct Contacts Adults	Indirect Contacts Adults	Direct Contacts Youth	Indirect Contacts Youth
Plan	175000	400000	20000	500000
Actual	0	0	0	0

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

Patent Applications Submitted

Year: 2010
 Plan: 1
 Actual: 0

Patents listed

3. Publications (Standard General Output Measure)

Number of Peer Reviewed Publications

2010	Extension	Research	Total
Plan	50	100	
Actual	0	0	0

V(F). State Defined Outputs

Output Target

Output #1

Output Measure

- Number of programs offered to producers, horticultural enterprises, Master Gardeners, etc.
Not reporting on this Output for this Annual Report

Output #2

Output Measure

- Number of research projects.
Not reporting on this Output for this Annual Report

Output #3

Output Measure

- Number of research publications.
Not reporting on this Output for this Annual Report

Output #4

Output Measure

- Number of volunteers trained to assist with information and programs.
Not reporting on this Output for this Annual Report

Output #5

Output Measure

- Number of Extension publications written, new or revised; web sites developed
Not reporting on this Output for this Annual Report

Output #6

Output Measure

- Number of Extension publications distributed
Not reporting on this Output for this Annual Report

Output #7

Output Measure

- Number of newsletter or magazine articles written
Not reporting on this Output for this Annual Report

Output #8

Output Measure

- Number of consultations
Not reporting on this Output for this Annual Report

Output #9

Output Measure

- Number of K-12 classroom visits
Not reporting on this Output for this Annual Report

V(G). State Defined Outcomes

V. State Defined Outcomes Table of Content

O. No.	OUTCOME NAME
1	Number of horticultural enterprises who increase knowledge of new and appropriate technologies and effective cropping practices to produce high quality products while protecting, preserving and sustaining their land and the regional environment
2	Number of horticultural enterprises who adopt new and appropriate technologies and effective cropping practices to produce high quality products while protecting, preserving and sustaining their land and the regional environment
3	Number of Indiana citizens who increase knowledge of proper landscape and garden management.
4	Number of volunteers who increase knowledge of consumer horticulture to serve as first detectors for symptoms of invasive species.
5	Number of professional turf managers who increase knowledge of pesticides, nutrients, and water inputs for maintaining high quality turf.
6	Number of professional turf managers who reduce pesticide, nutrient, and water inputs while maintaining high quality turf.
7	Number of high quality turf acres maintained with reduced pesticides, nutrient and water inputs.
8	Number of crop producers who increase knowledge of integrated pest management practices
9	Number of acres of field crops (corn, soybeans, forage, small grains) in which pests are managed using an integrated pest management system.
10	Number of crop producers who increase knowledge of best management practices in crop, nutrients, and related soil/water decisions.
11	Number of producers who adopt best management practices in crop, nutrient, and related soil/water decisions.

Outcome #1

1. Outcome Measures

Number of horticultural enterprises who increase knowledge of new and appropriate technologies and effective cropping practices to produce high quality products while protecting, preserving and sustaining their land and the regional environment

Not Reporting on this Outcome Measure

Outcome #2

1. Outcome Measures

Number of horticultural enterprises who adopt new and appropriate technologies and effective cropping practices to produce high quality products while protecting, preserving and sustaining their land and the regional environment

Not Reporting on this Outcome Measure

Outcome #3

1. Outcome Measures

Number of Indiana citizens who increase knowledge of proper landscape and garden management.

Not Reporting on this Outcome Measure

Outcome #4

1. Outcome Measures

Number of volunteers who increase knowledge of consumer horticulture to serve as first detectors for symptoms of invasive species.

Not Reporting on this Outcome Measure

Outcome #5

1. Outcome Measures

Number of professional turf managers who increase knowledge of pesticides, nutrients, and water inputs for maintaining high quality turf.

Not Reporting on this Outcome Measure

Outcome #6

1. Outcome Measures

Number of professional turf managers who reduce pesticide, nutrient, and water inputs while maintaining high quality turf.

Not Reporting on this Outcome Measure

Outcome #7

1. Outcome Measures

Number of high quality turf acres maintained with reduced pesticides, nutrient and water inputs.

Not Reporting on this Outcome Measure

Outcome #8

1. Outcome Measures

Number of crop producers who increase knowledge of integrated pest management practices

Not Reporting on this Outcome Measure

Outcome #9

1. Outcome Measures

Number of acres of field crops (corn, soybeans, forage, small grains) in which pests are managed using an integrated pest management system.

Not Reporting on this Outcome Measure

Outcome #10

1. Outcome Measures

Number of crop producers who increase knowledge of best management practices in crop, nutrients, and related soil/water decisions.

Not Reporting on this Outcome Measure

Outcome #11

1. Outcome Measures

Number of producers who adopt best management practices in crop, nutrient, and related soil/water decisions.

Not Reporting on this Outcome Measure

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

{No Data Entered}

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

1. Evaluation Studies Planned

- After Only (post program)
- Before-After (before and after program)
- Time series (multiple points before and after program)
- Case Study
- Comparisons between program participants (individuals, group, organizations) and non-participants
- Comparison between locales where the program operates and sites without program intervention

Evaluation Results

{No Data Entered}

Key Items of Evaluation

{No Data Entered}