

# Program in Plant Pathology

Program in Plant Pathology

## V(A). Planned Program (Summary)

### 1. Name of the Planned Program

Program in Plant Pathology

## 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			3%	
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants			1%	
206	Basic Plant Biology			1%	
212	Pathogens and Nematodes Affecting Plants			90%	
216	Integrated Pest Management Systems			5%	
<b>Total</b>				100%	

## V(C). Planned Program (Inputs)

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
<b>Plan</b>	0.0	0.0	50.7	0.0
<b>Actual</b>	0.0	0.0	70.0	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	0	653493	0
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	0	1985413	0
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	3513476	0

**V(D). Planned Program (Activity)**

**1. Brief description of the Activity**

Grant proposals will be written. Experiments will be designed. Applied and basic research will be conducted in laboratories, greenhouses, and in field plots. Results of these studies will be summarized, and analyzed statistically. Results of studies will be disseminated to producers in the State, to the lay public, and to other scientists in the discipline and in other disciplines through oral presentations at meetings, field plot tours, extension bulletins, scientific publications, newsletters, and electronically through websites. Peer-reviewed scientific papers, popular press articles, and book chapters will be published. Data will be provided to support registration of crop protection chemicals. Graduate students will be trained to conduct and disseminate research.

**2. Brief description of the target audience**

Targeted audience: Primary producers of and dealers involved with trade of agricultural, forestry, horticultural, seed, and nursery commodities produced in the state; Homeowners and policy makers with need for plant health information; and, other scientists conducting related research. Extension specialists and teachers involved in transmitting information to the public and students.

**V(E). Planned Program (Outputs)**

**1. Standard output measures**

**Target for the number of persons (contacts) reached through direct and indirect contact methods**

	<b>Direct Contacts Adults</b>	<b>Indirect Contacts Adults</b>	<b>Direct Contacts Youth</b>	<b>Indirect Contacts Youth</b>
<b>Year</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>	<b>Target</b>
<b>Plan</b>	0	0	0	0
2007	0	0	0	0

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2007:	0

**Patents listed**

**3. Publications (Standard General Output Measure)**

**Number of Peer Reviewed Publications**

	<b>Extension</b>	<b>Research</b>	<b>Total</b>
<b>Plan</b>			
2007	70	49	119

**V(F). State Defined Outputs**

**Output Target**

**Output #1**

**Output Measure**

Peer reviewed journal articles

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	55	49

**Output #2**

**Output Measure**

Graduate students supported by experiment station funds

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2007	26	20

**V(G). State Defined Outcomes**

<b>O No.</b>	<b>Outcome Name</b>
1	Increased numbers of publications
2	Increased graduate student enrollment
3	Reduced Fungicide Use

**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**

- Appropriations changes
- Public Policy changes
- Competing Public priorities

**Brief Explanation**

Several projects in the Program were interrupted or work was curtailed because of changes in Special Grants funding.

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

**1. Evaluation Studies Planned**

- During (during program)
- Other (After)

**Evaluation Results**

**Key Items of Evaluation**