

Plant Production

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V(A). Planned Program (Summary)

1. Name of the Planned Program

Plant Production

V(B). Program Knowledge Area(s)

1. Program Knowledge Areas and Percentage

KA Code	Knowledge Area	%1862 Extension	%1890 Extension	%1862 Research	%1890 Research
102	Soil, Plant, Water, Nutrient Relationships	20%		20%	
201	Plant Genome, Genetics, and Genetic Mechanisms	0%		10%	
202	Plant Genetic Resources	0%		20%	
203	Plant Biological Efficiency and Abiotic Stresses Affecting Plants	10%		10%	
205	Plant Management Systems	70%		40%	
	Total	100%		100%	

V(C). Planned Program (Inputs)

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

Year: 2007	Extension		Research	
	1862	1890	1862	1890
Plan	6.0	0.0	10.0	0.0
Actual	7.9	0.0	8.8	0.0

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

Extension		Research	
Smith-Lever 3b & 3c 216302	1890 Extension	Hatch 109550	Evans-Allen
	0		0
1862 Matching 216302	1890 Matching	1862 Matching	1890 Matching
	0	109550	0
1862 All Other 468180	1890 All Other	1862 All Other	1890 All Other
	0	753074	0

V(D). Planned Program (Activity)

1. Brief description of the Activity

Research, demonstration sites, Extension programs

2. Brief description of the target audience

Agricultural producers, industry, consumers

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	3000	12000	0	0
2007	5689	18000	0	0

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

Year	Target
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Plan:	0
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2007:	3
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Patents listed

Richard J. McAvoy, Mariya Khodakovskaya, and Yi Li. Method and Composition for Increasing Branching and Flowering Response in Plants Through Controlled, Endogenous Cytokinin Regulation. Non-provisional patent filed May 12, 2006 & Updated May 12, 2007 (pending).

Provisional Patent filed:

Richard J. McAvoy, Mariya Khodakovskaya, and Yi Li. Method and Composition for Increasing Plant Survival & Viability Under Cold Storage, or Dark and Cold Storage Conditions. US60/837,585. Filed 08/15/2006

Brand, Mark. Panicum Plant Named 'RR1' PP 17,944 08/28/07.

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

	Extension	Research	Total
Plan			
2007	0	26	26

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

Peer reviewed publications

Year	Target	Actual
2007	7	26

Output #2**Output Measure**

Fact sheets, brochures and newsletters

Year	Target	Actual
2007	30	40

Output #3**Output Measure**

Web sites developed

Year	Target	Actual
2007	1	1

Output #4**Output Measure**

Presentations and short courses

Year	Target	Actual
2007	45	67

Output #5**Output Measure**

News releases and media events

Year	Target	Actual
2007	30	95

Output #6**Output Measure**

Books and monographs

Year	Target	Actual
2007	1	6

Output #7**Output Measure**

Workshops and conferences hosted

Year	Target	Actual
2007	4	4

Output #8**Output Measure**

Conference abstracts

Year	Target	Actual
2007	2	3

V(G). State Defined Outcomes

O No.	Outcome Name
1	Increased adoption (%) of BMP approaches by industry and growers
2	Increased awareness (% increase) of new BMP approaches by industry and growers
3	Increased research funding
4	Understanding of basic plant production processes (#)

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

Government Regulations

Brief Explanation

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

1. Evaluation Studies Planned

Retrospective (post program)

Evaluation Results

The UConn Plant Database receives over 100,000 web page views per day from over 3,000 persons that visit the site each day. Numerous inquiries were received requesting use of the information and photographs for a variety of purposes. Landscape design firms are using the pictures and text as part of their design presentations, commercial nurseries and garden centers are linking to the pages, and homeowners send many questions in about plants after they have used the website. The United States government has even used some images for their publication. The website generates about 100 email plant material questions per month. Email feedback on the site has all been glowing and surveys of undergraduate students using the website as a resource in their plant materials courses has all been positive. A sample of user comments about the UConn Plant Database follows: "your website is one of the best online resources", "it's a favorite now – I think it is just wonderful!", "Fantastic site! – by far the best", "Best resource I could find either online or in print", "better than the USDA plant web site", "your site is easy to use and quite complete", "I consider your site one of the plant 'Bibles'".

Key Items of Evaluation

The UConn Plant Database has become very popular as over 3,000 persons make over 100,000 web page views daily. Landscape design firms are using the pictures and text as part of their design presentations; commercial nurseries and garden centers are linking to the pages; and homeowners send many questions in about plants after they have used the website. The United States government has even used some images for their publication.