

# Cropping Systems

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

### 1. Name of the Planned Program

Cropping 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
205	Plant Management Systems		100%		100%
	<b>Total</b>		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
<b>Plan</b>	0.0	2.8	0.0	0.5
<b>Actual</b>	0.0	2.3	0.0	0.5

### 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	96807	0	34424
1862 Matching	1890 Matching	1862 Matching	1890 Matching
0	418192	0	35182
1862 All Other	1890 All Other	1862 All Other	1890 All Other
0	0	0	0

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

### 1. Brief description of the Activity

Demonstrations on BMPs will be conducted at the SFO-WWMC site. Field days will be held to present findings and show demonstrations at the SFO-WWMC. Relevant information will be provided to field day participants and to other interested individuals.

A demonstration was done to compare the growth of conventional soybeans (Hutchinson) to soybeans with round-up ready technology (Delta Grow 5830 RR) under normal field conditions rather than in small plots. The Hutchinson variety was produced on a 7.2 acre field and the Delta Grow 5830 was grown on a 25 acre field.

A second demonstration compared the growth of soybeans (Delta Grow 5970 RR) on two precision leveled fields. Field 1 has a zero grade and field 2 has a .1 ft./100 ft. grade. Each field contains 28 acres.

A field day was held on September 4, 2008 during the remnants of hurricane Gustav with about 175 individuals attending. Yield data was taken on each field and expressed on a per acre basis. This data will be disseminated at a later date.

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

LRF and SDF serviced by the UAPB as well as other farmers who attend field days and/or visit the SFO-WWMC. Other audiences include policy makers, Extension educators, Natural Resources Conservation Service employees, U. S. Army Corps of Engineers employees, home owners and the general public.

Individuals representing the following groups attend the field day: farmers, the general public, elected officials, community leaders, the Natural Resources Conservation Service, Cooperative Extension Program, Cooperative Extension Service, the U. S. Army Corps of Engineers, Rural Development, U. S. Forest Service, and State Agencies.

**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>	500	1000	400	400
2008	1398	800	1367	900

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

**Patent Applications Submitted**

<b>Year</b>	<b>Target</b>
<b>Plan:</b>	0
2008:	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>	0	0	
2008	0	0	0

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

**Output Target**

**Output #1**

**Output Measure**

1. The number of site visits by farmers 2. The number of participants that attend field days 3. Number of fact sheets developed 4. Annual Reports 5. Number of presentations made at meetings for interested groups 6. Number of partnerships developed

<b>Year</b>	<b>Target</b>	<b>Actual</b>
2008	60	10

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

<b>O No.</b>	<b>Outcome Name</b>
1	Short term outcome will be measured by the number of LRF and SDF that attend field days and observe BMP demonstrations and the knowledge gained by participants.

**Outcome #1**

**1. Outcome Measures**

*Not reporting on this Outcome for this Annual Report*

**2. Associated Institution Types**

**3a. Outcome Type:**

**3b. Quantitative Outcome**

<b>Year</b>	<b>Quantitative Target</b>	<b>Actual</b>
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**3c. Qualitative Outcome or Impact Statement**

**Issue (Who cares and Why)**

**What has been done**

**Results**

**4. Associated Knowledge Areas**

<b>KA Code</b>	<b>Knowledge Area</b>
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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

Competing Programmatic Challenges

**Brief Explanation**

Heavy rain before and during the field day prevented many participants from coming to the field day. We were not able to get into the fields to view the plot work.

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

**1. Evaluation Studies Planned**

During (during program)

**Evaluation Results**

**Key Items of Evaluation**