

PROGRAM DESCRIPTION

Department of Higher Education and Workforce Development	HB Section(s):	3.195
Program Name: Univ of Missouri Fisher Delta Research Center		
Program is found in the following core budget(s): University of Missouri		

1a. What strategic priority does this program address?

Agricultural Research

1b. What does this program do?

Research, Extension and Education Centers exist to support and facilitate the total research program of the Missouri Agricultural Experiment Station system. As such, they are an integral part of the Missouri Agricultural Experiment Station and unique contributors to MU's comprehensive land-grant responsibility.

We have a common goal of conducting high quality research that will respond to the needs of Missouri citizens, maintain and enhance our natural resource base, support a vital food and fiber system and help keep Missouri producers competitive. We will work with University extension, state and federal agencies and Missouri agribusiness to support a reliable, safe supply of quality food supplied in a sustainable, profitable manner.

The soils and topography of southeast Missouri offer researchers a unique opportunity to study cotton and rice production and irrigation. Researchers are also evaluating better soybean and corn cropping systems, and weed, insect and disease-control systems. Five locations make up this Center of 1,119 acres in a 12-county area that forms the Missouri Bootheel. Scientists at the Fisher Delta Research, Extension and Education Center have gained recognition for developing improved soybean varieties, especially those with soybean cyst nematode resistance.

These funds will be used to support landscape based agriculture management research, maintain long-term research, support personnel such as faculty and support staff associated with the program, and deliver educational related programs.

2a. Provide an activity measure(s) for the program.

This program is lead by six scientists conducting research in the following areas,

- Soybean Breeding and Genetics
- Weed Control
- Cotton Production
- Cropping Systems
- Rice Production
- Entomology
- Plant Pathology
- Irrigation

This research and development is conducted to improve production of corn, cotton, rice, soybeans and other crops grown in the southeast Missouri region.

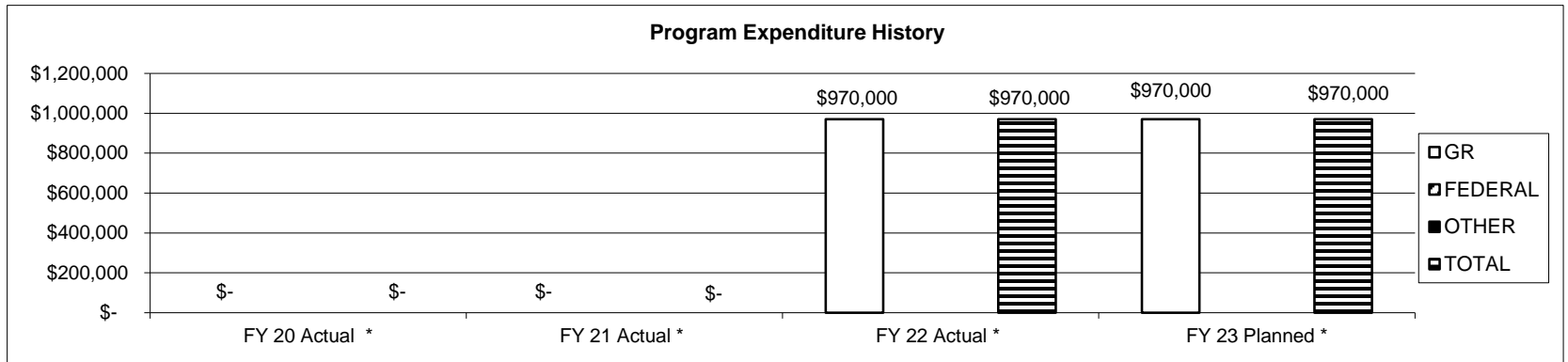
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<p>2b. Provide a measure(s) of the program's quality.</p> <p>The program's core goal, as well as the goal of the research programs included in 2a. above, will be to provide answers and methods to improve crop management practices for the various crops in southeast Missouri and regional areas. This research will improve the efficient use of crop inputs and methods such as crop varieties, fertilizers, water management, weed control, tillage, cropping systems, disease control and other agronomic practices for local and regional farmers.</p>		
<p>2c. Provide a measure(s) of the program's impact.</p> <p>Application of research results to the Missouri farms will have a great impact on improving crop production and profits in the region. With this being the first year of State funding received for this program to address the research initiatives previously outlined, exact impact measure will be provided in subsequent years.</p>		
<p>2d. Provide a measure(s) of the program's efficiency.</p> <p>Long term and short term research findings will directly impact and improve efficient and sustainable crop production.</p>		

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3. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year. (Note: Amounts do not include fringe benefit costs.)



* Net of 3% Governor's statutory withholding .

4. What are the sources of the "Other " funds?

None

5. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

Section 172.010 - 172.950, RSMo

6. Are there federal matching requirements? If yes, please explain.

No

7. Is this a federally mandated program? If yes, please explain.

No