

SOUTHERN UNIVERSITY
AGRICULTURAL RESEARCH AND EXTENSION CENTER



FACT BOOK COVER

Vision Statement:

To be recognized and valued as a premier provider for practical new discoveries, outreach education and technical assistance in food, agricultural and human sciences that enhance the quality of life of the diverse urban and rural citizenry of Louisiana. The Southern University Agricultural and Extension Programs are effective through the use of current and emerging technologies, accessible information systems, sustained linkages, collaborations and partnerships, and continuous planning, evaluation, and accountability.

Mission Statement:

The mission of the Southern University Agricultural Research and Extension Center is to conduct basic and applied research and disseminate information to the citizens of Louisiana in a manner that is useful in addressing their scientific, technological, social, economic and cultural needs. The Center generates knowledge through its research program and disseminates through its extension program relevant information that addresses the scientific, technological, social, economic and cultural needs of all citizens, with particular emphasis on those who are socially, economically, and educationally disadvantaged. Cooperation with federal agencies and other state and local agencies ensure that the overall needs of citizens of Louisiana are met through the effective and efficient use of the resources provided to the Center.

Philosophy Statement:

The programs conducted by the Southern University Agricultural Research and Extension Center are grounded in the basic tenets of the Legislative Acts which created, and refined the 1890 Land-Grant System. The Center is positioned to anticipate change and to embrace the challenges and opportunities of the future. Resources are focused on high priority issues facing the citizens of Louisiana as the needs of this diverse society grow in complexity. The Center offers credible, relevant, and effective research and educational responses that have positive and enduring impact on individuals, families, and communities.

Statutory Authority

PROGRAM AUTHORIZATION: Authorization for the Southern University Extension Program is Public Law 95-113-September 29, 1977, Subtitle G-1890 Land-Grant Funding (Extension at 1890 Land-Grant Colleges, including Tuskegee Institute. Sec. 1444 (a) There are hereby authorized to be appropriated annually such sums as Congress may determine necessary to support continuing agricultural and forestry extension at colleges eligible to receive funds under the Act of August 30, 1890 (26 Stat. 417-419), as amended; 7 U.S.C. 321-326 and 328), including Tuskegee Institute (hereinafter in this section referred to as the “eligible institutions”). Funds appropriated under this section shall be used for expenses of conducting extension programs and activities, and for contributing to the retirement of employees subject to the provisions of the Act of March 4, 1940 (54 Stat. 39-40, as amended; 7 U.S.C. 331).

Authorization for the Southern University Research Program is Public Law 95-113-September 29, 1977, Subtitle G-1890 Land-Grant Funding (Extension at 1890 Land-Grant Colleges, including Tuskegee Institute. Sec. 1445 (a) There are hereby authorized to be appropriated annually such sums as Congress may determine necessary to support continuing agricultural research at colleges eligible to receive funds under the Act of August 30, 1890 (26 Stat. 417-419), as amended; 7 U.S.C. 321-326 and 328), including Tuskegee University (hereinafter referred to in this section as "eligible institutions"). Funds appropriated under this sections shall be used for expenses of conducting agricultural research, printing, disseminating the results of such research, contributing to the retirement of employees subject to the provisions of the Act of March 4, 1940 (54 Stat. 39-40, as amended; 7 U.S.C. 331), administrative planning and direction, purchase and rental of land and the construction, acquisition, alteration or repair of buildings necessary for conducting agricultural research.

Our Principal Clients:

The Southern University Agricultural Research and Extension Center generates knowledge through its research program and disseminates relevant information through its extension program that addresses the needs of citizens with particular emphasis on those who are socially, economically, and educationally disadvantaged. The research and extension programs at Southern University were constitutionally established through the Land-Grant authorization. Educational programs implemented by the Center are available and useful to all citizens of Louisiana and primarily to clients in the areas of food, agricultural and human sciences, and to urban and rural dwellers, youth, government officials, faith and community leaders, and families. Louisiana citizens utilize information disseminated by the Center to improve their quality of life through scientific, technological, social, economic and cultural applications. As a publicly funded institution, Southern University Agricultural Research and Extension Center is committed through its research and educational programs to linking citizens of Louisiana to opportunities for success and being accountable to the people of the state.

Strategic Plan Goals:

- I.** To strengthen the productivity, profitability and competitiveness of Louisiana's agriculture, forestry, and fisheries while enhancing the environment and wise use of the natural resources.
- II.** To build leaders and good citizens through youth development.
- III.** To implement nutrition, health, family, and community development programs to enhance the quality of life of Louisiana's citizens.

Objectives and Strategies:

Objective I. To maintain and enhance the competitiveness and sustainability of the state's renewable natural resource based industries (agriculture, forestry, and fisheries) by maintaining the average adoption rate for recommended cultural and best management practices at the FY 2003 level through the year 2009.

Strategy I.1 Conduct research and educational programs directed toward increasing the productivity and profitability of Louisiana's traditional and nontraditional plant enterprises.

Strategy I.2 Conduct animal science research and educational programs with traditional and non-traditional animal enterprises for Louisiana.

Strategy I.3 Conduct research and educational programs to assure the natural resource base (soil, water, and air) is used wisely to maintain and enhance environmental quality, and to maintain and enhance the perpetual production of agricultural commodities.

Strategy I.4 Conduct research and educational programs to develop new crops and value-added products and to integrate those new crops/products into new or existing agricultural production and business enterprises.

Persons who will benefit or are significantly affected include: farmers, ranchers, consumers, communities, agricultural businesses, agricultural consultants, agricultural commodity groups, and families.

Objective II To facilitate the development of an effective and informed community citizenry by increasing involvement in youth development programs and activities by an average of five percent of the FY 2003 through the year 2009.

Strategy II.1 Provide educational experiences that will enhance the development of Louisiana youth's life skills, leadership and community involvement.

Persons who will benefit or are significantly affected include: rural and urban youth, rural and urban communities, non-governmental organizations, school systems, and families.

Objective III. Enhance the quality of life and service in local communities and the health and well-being of the state's citizens by increasing educational program contacts by an average of five percent of the FY 2003 through the year 2009.

Strategy III.1 Conduct research and educational programs to identify and influence the social and economic factors that affect family dynamics and the abilities of families to sustain positive family interpersonal and community relationships.

Strategy III.2 Conduct research and educational programs to revitalize and empower rural and urban Louisiana through community leadership development and the initiation of community enhancement.

Strategy III.3 Conduct research and educational programs to improve nutritional status, positive dietary behavior and food safety as it relates to the health and well being of Louisiana people.

Persons who will benefit or are significantly affected include: rural and urban youth, rural and urban communities, farmers, ranchers, consumers, businesses, local, state, and federal government agencies, and families.

United States Department of Agriculture: Strategic Plan Goals For FY 2002 - 2007

- Enhance economic opportunities for agricultural producers.
- Support increased economic opportunities and improved quality of life in rural America.
- Enhance protection and safety of the nation's agriculture and food supply.
- Improve the nation's nutrition and health.
- Protect and enhance the nation's natural resource base and environment.

Through these goals, USDA will strive to:

- Expand markets for agricultural products and support international economic development;
- Further develop alternative markets for agricultural products and activities;
- Provide financing needed to help expand job opportunities and improve housing, utilities and infrastructure in Rural America;
- Enhance food safety by taking steps to reduce the prevalence of foodborne hazards from farm to table;
- Improve nutrition and health by providing food assistance and nutrition education and promotion; and

- Manage and protect America's public and private lands working cooperatively with other levels of government and the private sector.

Five National Goals For Agriculture: SUAREC Research Projects and Extension Programs to Address Them

National Goal 1: An agricultural production system that is highly competitive in the global economy

SUARECRESEARCH PROJECTS

1. Effects of Grazing Cattle and Goats Together and Separately on Animal Performance
2. Refinement of Laboratory Methods for Bone Particle Determination in Mechanically Deboned Rabbit Meat
3. Efficacy of Kenaf as a Forage Crop in the Production of Goats
4. Use of Crawfish Waste in Livestock Diets and Plant Production
5. Utilizing Multiple Indices to Measure Quality Deterioration in Value-Added Meat Products During Storage
6. Modified Hydroponics Systems for Field Production of Strawberry

SUAREC EXTENSION PROGRAMS

1. Small Farm Viability
2. Adding Value to New and Old Agricultural Products
3. Louisiana Agricultural Mediation Program (LAMP)

National Goal 2: A safe and secure food and fiber system

SUAREC RESEARCH PROJECTS (None)

SUAREC EXTENSION PROGRAMS

1. Families First - Nutrition Education and Wellness System (FF-NEWS)
2. Food Safety at Home – Computer Based Food Safety
3. Preventing Foodborne Illnesses in a Vulnerable Lower Mississippi Delta Population

National Goal 3: A healthy, well nourished population

SUAREC RESEARCH PROJECTS

1. Nutritional Label Use, Nutritional Knowledge, and Food Security in Louisiana
2. Effectiveness of Early Nutritional Intervention Strategies for Head Start Teachers in Louisiana
3. New Technologies for the Utilization of Textile Materials

SUAREC EXTENSION PROGRAMS

1. Health Risk Factor Reduction
2. Health Community Advisory Council

National Goal 4: Greater harmony between agriculture and the environment

SUAREC RESEARCH PROJECTS

1. Biological Response of Southern Red Oak and Willow to Hypoxia in the Rhizosphere
2. A GIS-RS Supported NPS-Management Information System for Urban Agriculture

SUAREC EXTENSION PROGRAMS

1. Sustainable Agriculture

National Goal 5: Enhanced economic opportunity and quality of life for Americans

SUAREC RESEARCH PROJECTS (None)

SUAREC EXTENSION PROGRAMS

1. Youth Development (Youth Educational Support After School Program)
2. Youth Development (Livestock and Poultry Show)
3. Youth Development (Youth Against Tobacco)
4. Community and Faith-Based Development
5. Center for Rural and Small Business Development
6. The Center for Community Development (CCD)
7. Consumer Education and Training
8. Child Care Program
9. Family Strengthening Program

Contact Information:

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