

**USDA-CSREES Plan of Work  
for the  
Louisiana State University Agricultural Center  
2000-2004**

**July 15, 1999**



Louisiana State University  
**Agricultural Center**

**Office of the Chancellor**

Mailing Address: Post Office Box 25203  
Baton Rouge, LA 70894-5203

Office: J. Norman Efferson Hall  
(504) 388-4161  
Fax: (504) 388-4143

July 13, 1999

Dr. George Cooper  
USDA-CREES-Partnerships/POW  
Waterfront Center  
800 9<sup>th</sup> Street, S.W., Suite 4600-H  
Washington, D.C. 20024

Dear Dr. Cooper:

Enclosed is the USDA-CSREES Plan of Work for the Louisiana State University Agricultural Center.

The LSU Agricultural Center, one of the eight campuses of the Louisiana State University System, encompasses the 1862 research and 1862 extension land-grant functions, namely the Louisiana Agricultural Experiment Station and the Louisiana Cooperative Extension Service. The enclosed plan discusses the comprehensive programs of these two entities and their integrated activities as they strive to serve all of the citizens of Louisiana.

Please let me know if anything else is needed.

Sincerely,

A handwritten signature in cursive script that reads "William B. Richardson".

William B. Richardson  
Chancellor and Chalkley Family  
Endowed Chair

WHB:WBR:twh  
Enclosure  
c: Dr. Gary Jensen (w/encl.)

**USDA-CSREES PLAN OF WORK  
for the  
LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER  
2000-2004**

**July 15, 1999**

**THE LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER**

The Louisiana State University Agricultural Center is a statewide, unduplicated campus of higher education for agricultural research and cooperative extension programs. It is one of eight campuses in the Louisiana State University System. Its major components are the Louisiana Agricultural Experiment Station (LAES) and the Louisiana Cooperative Extension Service (LCES). The organizational structure of the LSU Agricultural Center is shown in Appendix I.

**Mission**

The overall mission of the LSU Agricultural Center is to enhance the quality of life for people through research and educational programs that develop the best use of natural resources, conserve and protect the environment, enhance development of existing and new agricultural and related enterprises, develop human and community resources, and fulfill the acts of authorization and mandates of state and federal legislative bodies.

**Program Authorization**

In 1887, the U.S. Congress enacted the Hatch Act which established a system of experiment stations at the Land Grant institutions "to promote scientific investigation and experimentation ... bearing directly on and contributing to the establishment and maintenance of a permanent and effective [agricultural] industry....." An Experiment Station was established on Louisiana State University property in 1886 with funding from the State Department of Agriculture and administered by the university's agricultural college. The Louisiana Agricultural Experiment Station was established by the Legislature in 1887. In 1914, the U.S. Congress passed the Smith-Lever Act which provided that agricultural extension work be carried out in connection with the Land Grant institutions "to aid in diffusing among the people of the United States useful and practical information ... and to encourage the application of the same...." The Louisiana Legislature agreed to the Smith-Lever Act in 1914 and a formal Memorandum of Understanding between the President

of Louisiana State University and the Secretary of Agriculture established the Agricultural Extension Service (now known as the Louisiana Cooperative Extension Service).

These two organizations are the major units of the LSU Agricultural Center. In 1971, a special committee of the Board of Supervisors of Louisiana State University, charged with the comprehensive management study of the LSU System, reported "... the committee has been impressed by the extent of the statewide activities and responsibilities of the Agricultural Experiment Station and the Cooperative Extension Service now operated by the Baton Rouge campus. We are also impressed by the outstanding national and international programs conducted by these units ... it has become apparent to the committee that these agricultural activities of the LSU System should have an identity separate from any one of the campuses. Therefore, this committee recommends that the University establish a Center for Agricultural Sciences headquartered in Baton Rouge with research and extension operations through the state." The Board of Supervisors, following those recommendations, established the **Center for Agricultural Sciences and Rural Development** in August 1972. At its November 1982 meeting, the Board of Supervisors changed the name of the Center to **Louisiana State University Agricultural Center**.

#### **Legal Citations**

##### **State:**

Constitution of 1974, Article VIII, Section 7; LA R.S. 17:1421 - 1974  
Act 313 - 1975; Act 83 - 1977; Act 52 - 1978; Act 971 - 1985

##### **Federal:**

Hatch Act, as amended - 1887  
Smith-Lever Act - 1914  
McIntire-Stennis Act, as amended - 1962  
National Agricultural Research, Extension, and Teaching Policy Act - 1977

### **LOUISIANA'S AGRICULTURE**

Most of Louisiana's 28 million acres are dedicated to producing food and fiber. Forests cover 13.8 million acres and 23,823 farms occupy 7.9 million acres. The LSU Agricultural Center is agriculture's partner in keeping the land and the people who work with it productive. The Ag Center's extensive agricultural research and extension efforts statewide help build and maintain a solid base of information for productive, competitive agricultural enterprises and the best uses of natural resources.

From Louisiana's land and waters come direct sales of agricultural commodities of over \$4 billion every year, and these sales generate another \$2 billion in indirect sales. Adding the value of processing of these commodities into products increases the impact to the state's economy to approximately \$18 billion. The wholesale and retail activities and their associated spin-offs push that total to almost \$26 billion or 15% of the state's entire economy. Finally, nearly \$3 billion comes from industries in Louisiana that manufacture products for agricultural uses outside Louisiana.

Forestry is, by far, Louisiana's largest agricultural industry providing approximately 55% of the total agricultural contribution to the state's economy each year. Other major plant commodities include sugarcane, rice, cotton, feed grains, and soybeans. Louisiana is quite diverse in its soil types, and several other minor plant commodities are significant contributors to the state's economy. These include: nursery stocks and ornamental horticultural crops, sweet potatoes, commercial vegetables, fruit and nut crops, and wheat.

In recent years, poultry has surpassed beef as the major animal industry in Louisiana, generating over \$750 million annually. The other major animal enterprises are beef cattle, dairy cattle, and horses. Aquaculture has also been increasing within the state in recent years and in 1998 exceeded \$250 million in economic impact. Catfish and crawfish are the major aquaculture species. In addition, marine fisheries, including oysters, are significant contributors.

The environmental impact of pesticides and animal wastes receives significant attention. Development and implementation of production systems and integrated pest management to reduce negative impacts on the environment are strongly emphasized. Alternative production practices and animal waste management systems to address concerns about possible environmental damage are also emphasized.

Good jobs are part of a strong economy, and Louisiana's agriculture does its part to supply jobs for the state's citizens. About 48,000 people work directly with agriculture. Industries associated with agriculture, such as processing and transportation, provide an additional 376,000 jobs. Overall, about 20% of the state's work force is connected to agriculture in some way.

Concern with individuals and families as well as with the viability of both rural and urban communities is as much a part of agriculture as concern for plant and animal commodities. Louisiana's families have needs in the areas of nutrition, diet, food safety, health, exercise, clothing, family finances, child rearing, and relationships to remain stable and productive.

Agriculture affects the lives of all Louisianians whether they live on farms in the most rural corners of the state or in apartments in the largest cities. Food, clothing, health, and shelter are important to everyone, and that is the value of Louisiana's agriculture to its citizens.

## **PROGRAMS**

### **GOAL 1. To achieve an agricultural production system that is highly competitive in the global economy.**

Issue: Louisiana agriculture must produce new and value-added agricultural products to improve profitability and diversify income, and Louisiana producers must become more efficient to increase their competitiveness and profitability.

Performance Goals:            number of research projects  
   number of educational contacts  
   number of publications  
   average adoption rate for recommendations

The LAES will conduct comprehensive plant and animal science research programs on the major crops and animal species produced in the state to increase their productivity and profitability, to develop new crops and value-added products, and to integrate new crops or products into new or existing agricultural production and business enterprises. Because of Louisiana's extremely diverse agriculture, these programs are very broad and generally encompass all major horticultural and agronomic crops, forestry, and major animal species including aquaculture.

The LCES will conduct 21 base educational programs focused on all economically important plant and animal commodities produced in the state to disseminate the latest production and marketing technologies, enabling producers to become more competitive and to increase profitability. Emphasis will be on financial planning and resource management education in all base programs.

#### **Key Research, Education, and Outreach Program Components:**

1. New agronomic and horticultural crops and their varieties (including potential medicinal plants) will be developed and/or evaluated for yield and stress tolerances and recommendations provided to producers and seed dealers statewide.

2. Experimental wood products, wood-plastic composites, recycled wood products, and fiber products from sugar cane residue will be evaluated for utility, manufacturing feasibility, and marketability.
3. New food products and flavor products will be developed and evaluated along with new poultry and red meat processing and packaging techniques. Specialty chemicals, oils, high-value isolates, acids, and polymers will be refined from rice bran oil and from sugar manufacturing.
4. Replicated comparisons of both experimental and commercial cultivars of both agronomic and horticultural crops will be conducted and recommendations provided to producers and seed dealers statewide.
5. Best management practices including conventional pesticides and IPM approaches will be developed for producers to protect their crops from weed competition and insect and disease damage.
6. Detailed production costs and marketing strategies for all major crops will be developed and provided to producers, financial institutions, regulatory agencies, and policy makers.
7. Animal program studies will address reproductive performance, nutrient utilization, genetic improvement, animal genomics, physiological processes, environmental stress, production management systems, and animal health and disease control including internal and external parasite research on aquacultural species, beef, dairy, poultry, horses, swine, sheep, goats, deer, and other species.
8. Cross-cutting animal research will include product processing and utilization, new product development, nutritional value and shelf-life studies, production costs, marketing strategies, feasibility of new production systems, and consumer acceptance of animal products.
9. Agricultural extension programs will encourage Louisiana producers to adopt recommended production, financial planning and management, and marketing practices for increasing the yield and profitability of their enterprises.
10. Educational programs will incorporate a variety of teaching methods and techniques such as grower meetings, farm visits, field days and tours, clinics, commodity newsletters, large-scale verification trials, and mass media.

Internal and External Linkages: Research and extension faculty of the LSU Agricultural Center have formal linkages through the Ag Center's Research Advisory Committees to ensure that research and extension programs are relevant to needs of producers. These will be continued and strengthened. External linkages have been developed with the Louisiana Department of Agriculture and Forestry, the Louisiana Department of Environmental Quality, the Louisiana Department of Wildlife and Fisheries, Southern University (Louisiana's 1890 institution), USDA and other federal agencies concerned with agriculture and agriculture-related issues, and many commodity groups (see Appendix II).

Target Audiences: farmers, ranchers, consumers, agricultural businesses, agricultural consultants, and agricultural commodity groups.

Program Duration: The Goal 1 programs are a combination of short-term and long-term activities.

Annual Allocated Resources:

LAES: 146.6 sy and \$33,171,000 (all sources); \$2,787,000 (federal)  
LCES: 105.6 fte and \$5,755,200 (all sources); \$1,381,248 (federal)

**GOAL 2. To provide a safe and secure food and fiber system.**

Issue: Louisiana and U. S. consumers demand improved food safety and elimination of food-borne risks.

Performance Goals:            number of research projects  
   number of educational contacts  
   number of publications  
   average adoption rate for recommendations

The LAES will conduct a multi-faceted research program to identify food-borne disease agents, toxins, and flavor detractors and to develop means of eliminating or neutralizing them.

The LCES will conduct nutrition and food safety programs, the Expanded Food and Nutrition Education Program (EFNEP), the Food and Nutrition Program (FNP), and the Safe Food Handler Train-the-Trainer and the Food Safety for Vulnerable Populations Programs as educational programs to ensure all citizens access to safe food and low-income families access to affordable food supplies.

Key Research, Education, and Outreach Program Components:

1. Immunochemical methods and systems that will provide rapid detection of the presence of pathogens, naturally occurring toxins, and undesirable flavor constituents will be developed.
2. Human pathogen removal, elimination, or neutralization systems will be developed with special emphasis on HACCP system development and training for meat and seafood processing.
3. Studies will be conducted to identify aflatoxin and other biotoxin development mechanisms and develop methods of neutralizing them.
4. EFNEP and FNP programs will be conducted by trained paraprofessionals who work with target audiences individually or in small groups with multi-media curricula. A hotline will provide assistance to clientele on food security matters.
5. The Safe Food Handler Train-the-Trainer Program will be conducted annually for the benefit of food handlers at numerous fairs and festivals in the state. USDA's "Food Safety Is No Mystery" video, a slide set of safe food handling practices, and presentations about pathogens and legal liability and insurance concerns will be highlighted.
6. The Food Safety for Vulnerable Populations Program will involve numerous videos directed at specific audiences, including the elderly and child care providers.
7. A certification program for food handlers at restaurants and other food service establishments will be established to meet legislatively mandated food safety requirements.

Internal and External Linkages: Internal linkages within and outside the LSU Ag Center for developing technology, curricula, and training include the departments of Human Ecology, Food Science, and Animal Science and the Pennington Biomedical Research Center. Externally, LCES will cooperate with the state Office of Family Services, the state Department of Health and Hospitals, the Governor's Office of Elderly Affairs, state and parish Councils on Aging, the state Department of Education, the Food and Drug Administration, and mass media representatives for technical assistance and help in reaching target audiences.

Target Audiences: farmers, consumers, agricultural businesses, homemakers, government agencies, food handlers, food processors, low-income families, young mothers, and the elderly.

Program Duration: The Goal 2 programs are primarily short-term and intermediate-term with some long-term activities.

Annual Allocated Resources:

LAES: 5.4 sy and \$1,103,000 (all sources); \$71,000 (federal)

LCES: 54.7 fte and \$2,981,159 (all sources); \$715,476 (federal)

**GOAL 3. To achieve a healthier, more well-nourished population.**

Issue: Consumer health, dietary quality, food quality, and food choices for Louisiana citizens must be improved.

Performance Goals:            number of research projects  
   number of publications  
   number of educational contacts  
   average adoption rate for recommendations

The LAES will conduct a collaborative program of research to identify critical nutritional constituents, their effects on nutrition and health, and appropriate dietary intakes.

The LCES will work with Louisiana families to achieve healthier lifestyles by following dietary guidelines, making food choices based on the Food Guide Pyramid, using nutritional labeling information, and regularly engaging in moderate physical activity.

Key Research, Education, and Outreach Program Components:

1. Determine the effects of various compositions of dietary lipids, the fate of their metabolites, and ultimately, their effects on cardiovascular health.
2. Evaluate the effects of vitamin D, boron, chromium picolinate, and calcium on diabetes, osteoporosis, and other nutrition-linked conditions.
3. Evaluate the inter-relationships among obesity, protein intake, and exercise and develop systems for more accurate recall and reporting of food intake.

4. Conduct educational programs with the target audiences using a variety of extension methods and techniques, including home visits, group meetings, workshops, demonstrations, newsletters, and print and electronic media.
5. Continue to use and develop educational materials as required and appropriate to support education programs including program modules on healthy eating, dietary guidelines, food labeling, teen nutrition, families and children, feeding of young children, physical activity/walking, infant mortality, building healthier babies, healthy weight, healthy heart, and diabetes education awareness.

Internal and External Linkages: Extension faculty will maintain liaison with research and teaching counterparts in the School of Human Ecology to bring the latest research findings into extension programs. Externally, the LCES will establish relationships with state departments of health and social services, USDA, and associations such as the American Heart Association and the American Diabetes Association.

Target Audiences: consumers, rural and urban communities, homemakers, school systems, government agencies, at-risk families, youth, and teens.

Program Duration: The Goal 3 programs are primarily short-term and intermediate-term with some long-term activities.

Annual Allocated Resources:

LAES: 2.1 sy and \$965,000 (all sources); \$779,000 (federal)  
 LCES: 20.3 fte and \$1,106,350 (all sources); \$265,524 (federal)

**GOAL 4. To achieve greater harmony between agriculture and the environment.**

Issue: The integrity of Louisiana's diverse ecosystems must be ensured by developing, transferring, and promoting the adoption of efficient and sustainable agricultural, forestry, and other resource conservation policies, programs, technologies, and practices.

Performance Goals:            number of research projects  
    number of educational contacts  
    number of publications  
    average adoption rate for recommendations

The LAES will conduct diverse research programs to maintain, protect, and enhance the complex natural resource environment of Louisiana and the nearby Gulf of Mexico region.

The LCES will conduct statewide educational programs on the protection of endangered species and wildlife habitats, water quality, waste management, and soil conservation.

Key Research, Education, and Outreach Program Components:

1. Conduct soil surveys, provide soil testing services, conduct fertility studies, develop practical cover crop and conservation tillage systems, and analyze the movement and fate of nutrients and pesticides in Louisiana's complex, alluvial soils.
2. Develop IPM programs to integrate the judicious use of pesticides with alternate pest control strategies for controlling insects, weeds, and diseases in economically important commodities, in urban areas, and in rural communities.
3. Conduct studies to determine environmentally acceptable methods of recycling dairy wastes and poultry litter, conduct research and training in composting organic wastes, and assess the contamination potential and control methods for a wide assortment of processing wastes.
4. Conduct research on timber planting, population, thinning and harvesting; agro-forestry systems; streamside management; forest/wildlife interactions; wetland and bottomland hardwood silviculture; wildlife diversity and productivity; avian abundance and waterfowl ecology; and native plant ecology.
5. Conduct educational programs for the target audiences using a variety of extension methods and techniques, including home visits, group meetings, workshops, demonstrations, newsletters, newspaper columns, and radio and television broadcasts.
6. Use or develop educational materials as required and appropriate to support the education programs.
7. Focus educational programs on the development and delivery of information on best management practices for the various agricultural commodities produced in the state and on special programs such as EQIP, FIP, WHIP, CRP, and WRP, which support farmer and forester adoption and expansion of wildlife habitat and conservation practices.

Internal and External Linkages: Internal linkages include an interdisciplinary team of extension specialists, agents, and associates who deliver research-based information to all audiences in their communities to help them develop the skills necessary to achieve sustainability. External linkages are maintained with research counterparts; other universities; multiple agencies; non-governmental organizations; the Louisiana Farm Bureau Federation; commodity associations; business and industry; USDA agencies; the U. S. Army Corps of Engineers; NOAA; EPA; state departments of agriculture and forestry, economic development, environmental quality, health and hospitals, natural resources, transportation and development; and the Louisiana legislature.

Target Audiences: farmers, ranchers, rural and urban communities, government agencies, business and industry, policymakers, action and regulatory agencies, and youth.

Program Duration: The Goal 4 programs range from very short-term activities with immediate applications to very long-term activities which will take years to conduct.

Annual Allocated Resources:

LAES: 23.6 sy and \$5,427,000 (all sources); \$637,000 (federal)

LCES: 17.4 fte and \$948,300 (all sources); \$227,592 (federal)

**GOAL 5. To enhance economic opportunities and the quality of life among families and communities.**

Issue: The capacity of communities and families to enhance their own economic well-being must be increased.

Performance Goals:            number of research projects  
   number of publications  
   number of educational contacts

The LAES will conduct research to elucidate the effects of aging, economic opportunity, and family stress on rural family and community well-being.

The LCES will conduct educational and leadership programs on community leadership and economic development, child care providers, financial planning and management, and parenting.

Key Research, Education, and Outreach Program Components:

1. Conduct research to determine the critical factors in nursing home selection, the role of housing in rural community vitality, the role of family stress on cognitive development in children, the quality of life for the over-65 population, and the social and economic consequences of welfare reform.
2. Determine the effects of rural labor markets and rural restructuring on the economic opportunities for rural families.
3. Conduct educational programs and provide experiential activities (including 4-H and Character Counts) that provide participating youth opportunities to gain knowledge and life skills that enable them to become positive, productive, capable, and compassionate members of their communities.
4. Conduct educational programs for the target audiences using a variety of extension methods and techniques, including home visits, group meetings, workshops, demonstrations, newsletters, newspaper columns, and radio and television broadcasts using a variety of educational materials in place or to be developed as required and appropriate.

Internal and External Linkages: Enhancing economic opportunities and quality of life requires a multi-disciplinary effort. Leadership and economic development work will be done with a team of specialists and research scientists in resource economics, home economics, human and social sciences, and leadership. Faculty will work with state and local agencies and organizations to organize and deliver programs in communities. Parenting programs will be done in conjunction with the Louisiana Office of Family Services, the Louisiana Council on Child Abuse, public health departments, and other local and state agencies.

Target Audiences: consumers, community leaders, rural and urban youth, school systems, agricultural businesses, local officials, child care providers, teen parents, homemakers, farmers, and ranchers.

Program Duration: The Goal 5 programs are primarily intermediate-term and long-term activities.

Annual Allocated Resources:

LAES: 16.2 sy and \$2,253,000 (all sources); \$244,000 (federal)

LCES: 40.9 fte and \$2,229,050 (all sources); \$534,972 (federal)

## **STAKEHOLDER INPUT AND MERIT REVIEW**

Merit Review is defined as "a project or program evaluation whereby the technical quality and relevance to program goals are assessed." The Merit Review should answer the questions "Is the research (or the extension program) the right thing to do, worth doing, and is it pertinent and/or applicable to or by some user group(s), i.e. to stakeholders?" This section discusses the procedures used by the LSU Agricultural Center to obtain stakeholder input which, by definition, is also merit review.

The Louisiana State University Agricultural Center obtains input from diverse entities and actively seeks to identify stakeholder groups who are the most direct users of research and extension program initiatives. An extensive list classified as Commodity Groups, State/Federal Agencies, Non-governmental Organizations, and Private Sector (companies) is attached as Appendix II. LSU Ag Center administrators and research and extension faculty seek close working relationships with these groups in order to plan and implement research and extension programs that are relevant to stakeholder needs. Annual meetings are held with most groups to present outcomes of research and extension programs and to hear stakeholder needs voiced.

The Louisiana Farm Bureau Federation (LFBF) is the predominant farm organization in Louisiana representing the total spectrum of agriculture and related youth and educational activities. Stakeholder input from the LFBF impacts most Ag Center programs. The Farm Bureau has Commodity Advisory Committees for: alternative domestic livestock, aquaculture, beekeepers, coastal wetlands, cotton, crawfish, dairy, fishermen/trappers, forestry, turtles, livestock, market produce, nurserymen, pecan, poultry, rabbit, rice, soybean/wheat/feed grains, sugar, and sweet potato. Each of these Commodity Advisory Committees is comprised mainly of producers appointed by the LFBF State Board. Each advisory committee meets one or more times during the year to discuss matters affecting that particular commodity, including production, marketing, and government regulations and policy. Each committee develops a set of recommendations to better facilitate the enterprises related to that commodity. These recommendations are presented annually at the LFBF State Convention for discussion and approval. For the majority of the Commodity Advisory Committees, many of the recommendations are related to specific research and extension programs and are directed to LSU Ag Center personnel. Additionally, Ag Center research scientists and extension specialists are often asked to provide program overviews at advisory committee meetings. This provides opportunity for receiving direct stakeholder input regarding the relevance and applicability of current and future research and extension

programs related to that commodity. It also provides a forum for LSU Ag Center administrators to gauge the priority of the project/program being discussed.

Many of Louisiana's commodity groups provide significant funding for high-priority research. These groups are charged with the management and disposition of federal and state commodity-generated check-off funds designated to support research. These funding decisions are usually made in a competitive mode with scientists presenting proposals to boards of producers who are selected by their peers. These boards annually review proposals, then select and fund those that, in their view, most nearly address their needs, thus insuring the relevance of the research. Some commodity groups prepare a list of research project areas for which funding is available. Scientists can only submit proposals that address the identified areas. The commodity board then evaluates and funds the proposals based on what the producers serving on that board feel are relevant to the industry. In effect, these stakeholders provide input by the projects they choose to fund.

The Louisiana Cooperative Extension Service (LCES) has in place a structure and process for involving relevant stakeholders to identify and address critical base program issues in agriculture, home economics, youth, and community development. Commodity and subject matter advisory committees operate at parish (county) and state levels in 34 base programs, which provide information on local and statewide issues that is used by extension faculty in the planning of educational programs. Committee members are drawn from a cross-section of the parish/state representing all ethnic groups, geographic areas, enterprise and subject areas, farm organizations, state and US legislators, special interest groups, local governing bodies, Federal agencies, agribusiness and other business and civic groups, and the mass media. The advisory committee system is integrated into the LCES programming process such that 1) information on national and state issues is provided to parish faculty; 2) parish faculty use this information to develop and share parish situation statements with committee members who then identify and prioritize, with the parish faculty, critical issues and problems for inclusion in the parish extension programs; and 3) state specialists use parish programs of work to develop state programs of work with input from state-level advisory committees and interact with research scientists of the LAES to bring to their attention critical problems needing research, as well as to determine recommendations from existing research. All LCES advisory committees meet at least once a year for planning purposes and may meet several times during the year for program implementation and evaluation.

State agencies offer another source of stakeholder input. Examples include the Louisiana Department of Agricultural and Forestry (LDAF), the Louisiana Department of Wildlife and Fisheries (LDWF), and the Louisiana Department of Environmental Quality (LDEQ). LSU Ag Center personnel work in close association with these and other state agencies to facilitate the agricultural, forestry, and fisheries industries within the state and in

conserving and protecting the environment. Program relevance is evaluated by state agency personnel on a regular basis, and priorities related to production, marketing, processing, and natural resource management are developed jointly with Ag Center administrators and faculty. Additionally, each of these and certain other agencies serves as a funding source within the state. Their input, as stakeholders, is communicated by the proposals they choose to fund.

## **SCIENTIFIC PEER REVIEW**

### **Hatch, McIntire-Stennis, Animal Health, and State Research Peer Review**

The foundation of the peer review procedure for research project proposals in the Louisiana Agricultural Experiment Station (LAES) is the Research Advisory Committee (RAC). Created over a decade ago as a result of the LAES' strategic planning effort entitled *FOCUS 2000*, these committees are organized along commodity lines (beef, cotton, soybeans, aquaculture, etc.) for production agriculture research and by subject matter (basic plant biology; soil, water, and environment; social and economic stability; etc.) for social and environmental research. The RACs are composed of LAES scientists who conduct research on a commodity or within a discipline area. Size is variable but ranges from 4 to 20 members. Each RAC has an administrative advisor (usually a unit head), a chairman, and a representative from the Louisiana Cooperative Extension Service. Scientists from Southern University, Louisiana's 1890 institution, are represented on 13 of the 27 RACs. From this pool of scientists, reviewers are selected to evaluate LAES research project proposals and in-house publications. A complete list of the RACs and their membership is attached in Appendix III.

Project management is handled through the LAES Associate Director's office with assistance from the Assistant Directors. Research project proposals are initiated by LAES scientists, commonly referred to as "project leaders," located in the various administrative units. Internal review of the project proposal generally takes place within the units before submission to the unit heads. When project proposals have been approved by unit heads, they are forwarded to the LAES Associate Director. At this stage, the projects are assigned to an Assistant Director depending on the subject matter. Assistant Directors choose from 5 to 7 reviewers for each project. In general, a majority of the reviewers are chosen from the RAC most pertinent to the subject of the project proposal. Efforts are made to obtain proposal reviews from scientists who are closely familiar with the subject matter area, including the discipline, the scientific techniques to be used, and the targeted commodity, resource, or user group. Administrative advisors are provided with a copy of the proposal for informational purposes

and offered the opportunity to review the proposals should they wish to do so. A similar approach is taken with the chairman and LCES representative; however, the chairman is frequently asked to comment on the proposals. In addition, at least one out-of-state reviewer is solicited to provide a review.

The reviewers are given a set of instructions asking that they comment on the appropriateness of the experimental design, justification for the research, background on the project, appropriateness of the objectives, and relevance (merit) of the research to Louisiana and the mission of the LAES. The reviewers are expected to evaluate the project proposals with a set of criteria that parallels criteria common to most extramural competitive grant programs. The reviews are expected to be thorough and constructive, reflecting careful judgement and judicious evaluation.

The reviewers submit written critiques but remain anonymous. They are asked to recommend approval or disapproval of the project. The reviewers are asked to return their reviews within about 4 weeks to the Associate Director or the Assistant Director assigned to the project proposal. The Associate Director or the Assistant Director synthesizes the reviewers' comments and provides this summary along with the comments of each reviewer to the unit head for transmission to the scientist for his/her revisions and rebuttals. If the unit head had not already done so, they are instructed to prepare CRIS forms AD-416, AD-417, and CSREES-662 using CRIS's web-based system when the revised project proposal is returned.

After receipt of the revised project proposal, the Associate Director or the Assistant Director assigned to the project approves or disapproves the project. Transmission of the project through the CRIS system is handled through the Associate Director's office. After the project has been processed, each reviewer of the project proposal is provided with the investigator's responses relating to the reviewers' comments. The responses are provided to the reviewers in an effort to better communicate the value and importance the LAES Director's office places on the quality of critical reviews of project proposals. The project proposal preparation and the review process remains a key element within the LAES in achieving and maintaining research excellence.

### **Multi-State Research Peer Review**

All multi-state research projects in which LAES scientists participate are subject to peer review procedures established by CSREES and outlined in the *Manual for Cooperative Regional Research (revised October 1992)* and the memorandum entitled *Revisions and Amendments to the Manual for Cooperative Regional Research (March 1995)*. The specific

guidelines for peer review of project proposals is entitled "Guidelines for External Review of New Regional Research Projects" and can be found on the Southern Association of Agricultural Experiment Station Directors web site located at [www.msstate.edu/org/infobook/guide/rrcexter.htm](http://www.msstate.edu/org/infobook/guide/rrcexter.htm). The core of the process is the selection of three external reviewers by the Development Committee in cooperation with the Administrative Advisor of the multi-state project. After the comments and suggestions of the external reviewers have been incorporated into the project outline to the satisfaction of the Administrative Advisor, the revised project outline, the reviewers' comments, and the response to the comments by the Development Committee are submitted to the Southern Multi-State Research Committee for further review and evaluation.

### **Academic Department and Research Station Peer Review**

Academic department reviews are conducted under the auspices of the Cooperative State Research, Education, and Extension Service (CSREES) and occur at approximately five-year intervals. Review teams generally consist of 5 to 7 scientists with a representative from CSREES serving as the team leader. The scientists are selected after input from faculty of the respective units and in consultation with the unit heads. Review teams spend about a week evaluating the research programs, facilities, support personnel, and interdisciplinary cooperation of the units. Academic programs (teaching loads, curricula, etc.) and extension activities are becoming more important parts of the LAES reviews because of the interaction of these programs with the research programs of the units. Future CSREES reviews are being requested as "comprehensive" reviews. Research station personnel participate in the reviews based on their academic discipline. For example, agronomists from several research stations would be involved in a review of the LAES "statewide program" in agronomy. Through this mechanism, research reviews of the programs at the 20 LAES research stations are fully integrated with the on-campus departmental reviews.

### **LAES Publication Peer Review**

An important aspect of any research program is the publication of the findings of investigations conducted by the research scientists. Publication is generally the culmination of the research and frequently is the measure of the research effort. For these reasons, all LAES publications are subjected to peer review; however, the format of the process is dependent on the type of publication.

The LSU Ag Center's Agricultural Communications unit has a central role in the publication process, especially in-house publications. Types of LAES publications handled by Ag Center Communications are:

- **Experiment Station Bulletins** – reports of research intended for a technical audience.
- **Research Reports** – technical reports of research results but in a shorter format than bulletins.
- **Research Information Sheets** – a client-friendly format conveying research results in non-technical language.
- **Research Circulars** – non-technical information intended for the general public.
- **Research Summaries** – reports of test results and other information the public needs quickly. These are often photocopied.

When an author chooses to develop one of these publications, approval must be obtained from the unit head. Generally, the manuscript has been reviewed by other scientists within the author's unit before submission to the unit head. After approval at the unit level, the manuscript is forwarded to the LAES Director. Peer review of the publications is handled through the LAES Associate Director's office, and the procedure is similar to one followed for research project proposals. The manuscript is sent to several LAES scientists knowledgeable of the subject matter who are asked to provide an anonymous, critical, and in-depth review of the publication. After the reviews are completed, the comments and suggestions of the reviewers are returned to the author for incorporation into the manuscript. After approval by the LAES Director, the manuscript is sent to the Department of Ag Communications. The editor and graphic designer meet with the author to determine how the publication will look, and after editing and layout, the manuscript is returned to the author for a final check. After final approval the manuscript is sent to Graphic Services where it is printed.

Each quarter the LAES publishes **Louisiana Agriculture**, a magazine devoted to highlighting research. Although the magazine is distributed to universities, its primary mission is to present research findings in a format suited to the lay reader and the general public. Two issues each year are devoted to in-depth coverage of specific commodities and subject matter while the other two issues cover general topics to demonstrate the breadth of research conducted by the LAES. Peer review for the magazine is handled through a ten-member editorial board composed of scientists representing several academic disciplines and faculty from Ag Communications, including the magazine's editor.

The LAES Associate Director's office maintains a "manuscript tracking system" for manuscripts prepared by scientists for publication in scientific periodicals, books, and other

learned and popular media. These publications are reviewed in the author's unit by at least three faculty, the unit head signs an approval sheet, and the manuscript goes to the LAES Director's office where the manuscripts are checked to be sure proper attribution is given to the LSU Ag Center. The manuscripts then go to Ag Center Communications where they are edited for grammar, spelling, and punctuation. They then are sent to the unit head who returns them to the author(s) for submission to the appropriate journal, book, magazine, etc. Although each publication medium follows a different procedure, all manuscripts are subject to peer review before acceptance for publication.

Periodically, the LAES Director requests a report of the status of the papers that are in the "manuscript tracking system." From this report, the number of papers submitted by LAES scientists, the acceptance rate of those papers, and where the papers were submitted for publication can be determined. Although success in the arena of peer reviewed publications is only one measure of the quantity and quality of the LAES research programs, the various steps in the manuscript review process illustrate how the programs experience peer review at several levels, beginning with project proposal development and ending with publication.

### **LCES Publication Peer Review**

LCES publications go through a review process to determine the feasibility and need of each publication, as well as an evaluation and approval process during the development and writing of the publication. Specialists within each division identify the needs and issues of the industry and determine which of these are critical for publication development. Once the publication need is established, a division leader gives approval for development of a publication and writers develop the publication. In most cases, LCES and LAES personnel jointly write publications. These publications include recommendations that are developed by research and demonstrations. Once a publication is written, other scientists and specialists review it for technical merit. When the project leader and division leader approve a publication for printing, the manuscript is edited by Ag Communications and returned to the author for approval. With new publications, the author meets with graphic designers to discuss appearance and layout. The final layout is returned to the author for approval.

Publications are published in quantities appropriate for a two-year period and are sent to agents on request. A one- to two-year review period or field trial is generally conducted, and final revisions are made before a publication is published in its final form.

Specialists share these publications with professionals around the country and get feedback on the merit and quality of the publications that are ultimately incorporated into the publication as appropriate. Most publications are reviewed at least every other year and

revised as appropriate. Development of new publications, fact sheets, and other educational material is a continuous process as programs and program focuses change and as revisions are needed. Approximately every 5 years, divisions are asked to review the entire publication list and make appropriate changes, deletions, and additions to ensure that the publications continue to meet the high standard of quality and relevance of the LCES.

## **MULTI - STATE ACTIVITIES**

### **Louisiana Agricultural Experiment Station**

Currently, the LAES is involved in 43 multi-state projects. A list of the multi-state project numbers, LAES project numbers, project titles, termination dates, and cooperating states can be found in Appendix IV. In addition to the 28 Southern Region multi-state projects, the LAES has participating scientists in 6 North Central Region, 4 Northeast Region, and 3 Western Region multi-state projects and 2 National Research Support Projects.

### **Louisiana Cooperative Extension Service**

#### **Multi-State Programming**

The Louisiana Cooperative Extension Service has made an effort to utilize personnel, publications, and programs from many other states. The ideas, materials, and expertise from other states have been invaluable for improving the relevance and quality of our programs.

Three initiatives planned for the fiscal year 1999-2000 feature a tri-state cooperative effort among Arkansas, Mississippi, and Louisiana for (a) pesticide applicator training, (b) a digital diagnostic center, and (c) a limited-resource management program for young families. In each of these cases, specialists from the three states have met and developed goals, shared information, and are developing publications, training materials, and programs to impact the industries and the clientele that they serve.

In the pesticide applicator program, information is being developed and specialists will help train pesticide applicators in each of the three states in order to ensure the safe and appropriate use of pesticides. The Digital Diagnostic Center will be utilized to give LCES clients a quicker turn around on diagnosis of samples that would typically have to be mailed to the state office for identification. The Georgia Cooperative Extension Service will provide a diagnostic laboratory that will assist in identifying problems as well as become a data source for problems in the southeast region. This will increase the speed of return of

diagnostic results for clientele.

The Tri-State Limited Resource Management Program is designed to help young families living in poverty. The program will help them develop budgets and spending plans. Arkansas, Louisiana, and Mississippi will be cooperating to develop the appropriate material for the program and will capitalize on the unique talents of the specialists of each state to train agents and provide better service to clientele.

Many publications are utilized from other states to enhance LCES programs. These include the regional beef cattle and swine handbooks, regional barn plan publications, and numerous national and state 4-H publications. Twenty to 40 percent of all publications in each of the program areas are purchased from other states and/or at the national level. In addition, LCES specialists go to 39 regional meetings, and they estimate that five to ten percent of the new materials comes from other states as a result of these regional meetings. These meetings include a series of tri-annual meetings where specialists share ideas with each other. The SERA-IEG meetings, which are conducted annually, address particular issues and programs that are identified and reported on by research and extension personnel. Specialists attend professional meetings to learn about the newest research and technical applications. The ideas and materials from these meetings are incorporated into LCES programs.

Several areas have been identified as critical on a regional basis, and resources have been allocated from the southern regional states to hire personnel and/or fund or establish support centers that add value to the programs in each of the states. The centers to which Louisiana contributes are the Southern Rural Development Center in Mississippi and the Diversity Center in Kentucky. In addition, a need was identified for a regional forestry effort. Bill Hubbard was hired as a regional forester stationed in Georgia and helps coordinate the forestry efforts of the entire southern region.

The LCES has worked diligently to identify new programs, ideas, and materials from other states, the region, and the nation. These materials and expertise have added greatly to the programs of the Cooperative Extension Service and have had a tremendous impact on Louisiana's clientele.

### **INTEGRATED (MULTI-FUNCTIONAL) ACTIVITIES**

The Louisiana State University Agricultural Center's two units, the Louisiana Agricultural Experiment Station (LAES) and the Louisiana Cooperative Extension Service

(LCES), work cooperatively to enhance service to the producers and/or clientele of Louisiana. There are several indications that this mutual collaboration benefits Louisiana citizens.

In order to quickly disseminate research to stakeholders, 24 joint appointments have been made in the last few years. These scientists are conducting applied research and transmitting it directly to users through county agents. These appointments are in the fields of animal science, plant science, aquaculture, and human ecology. In most cases these professionals share offices, facilities, and equipment. Additionally, a number of specialists in the LCES have adjunct appointments so they can work within the research departments and ensure a continuous flow of information from research labs and fields to stakeholders. These 24 joint appointments account for approximately \$1.2 million in integrated activity, salaries, and support.

The LSU Agricultural Center is in the process of totally integrating its research development with the LCES. At present, researchers participate in the parish and state advisory committees for all commodities and programs. Information gained is channeled to the Research Advisory Committees, where extension specialists and research scientists discuss research needs, equipment, and facilities. Once scientists have developed a research project, it goes through a peer review process, which includes specialists in the LCES, in order to maintain the relevance and quality of research relating to the clientele. Additionally, plans are under consideration for including LCES specialists as participants or collaborators on appropriate LAES research projects to strengthen the research-extension partnership.

The program development process for the LCES is integrated with the research components. The advisory committees, which identify important issues, include producers, other stakeholders, LCES agents, specialists, and researchers. As these issues become focused and programs are developed to address them, the LAES researchers and the LCES specialists come together to develop recommendations for such things as: varieties, fertilization, pest control, and other cultural aspects in crops. Publications are ultimately developed to address those issues. These publications include writers and reviewers from both the LCES and the LAES. As new information is developed and published, agents are trained by both LAES scientists and LCES specialists. In the past year, the Chancellor of the LSU Agricultural Center has hosted several conferences to encourage the sharing of ideas and research between the LCES and the LAES components. These have turned into annual meetings and will include research reports, program development, and a feedback mechanism that will benefit research development and service to stakeholders. In addition, research station field days, seminars, and industry programs are fully integrated activities.

In addition to the joint appointments and integrated research and program development processes, several new initiatives are being conducted jointly by LCES and LAES professionals. Three special initiatives include the Formosan Subterranean Termite Project, the Fire Ant Initiative, and a Water Quality Project designed to minimize the run-off of atrazine from corn and sugar cane production. These projects have both research and education components and are designed to have a direct impact on all stakeholders. Also, four joint programs serving clientele that have been in existence for many years include the forage testing laboratory, the soil testing laboratory, the plant health diagnostic laboratory, and the Agricultural Chemistry Department. All of these functions have diagnostic responsibility that is conducted by research scientists and transmitted directly back to users by extension specialists and agents. Additionally, several internal linkages enhance the effectiveness of the LSU Agricultural Center. They include efforts in safety, information technology, communications, and diversity. All of these are designed to improve the efficiency of the LSU Agricultural Center as well as have a direct, positive impact on the clientele who are being served. Every effort is being made to fully integrate the LCES and LAES components and to transmit research information to Louisiana stakeholders as quickly and directly as possible.

## PROJECTIONS

### Louisiana Agricultural Experiment Station Total Program

fy		GOAL 1	GOAL 2	GOAL 3	GOAL 4	GOAL 5
1997	sy	146.6	5.4	2.1	23.6	16.2
	\$	\$33,171,000	\$1,103,000	\$965,000	\$5,427,000	\$2,253,000
2000	sy	142.5	5.5	2.5	23.5	16.0
	\$	\$34,227,000	\$1,139,000	\$1,059,000	\$5,603,000	\$2,325,000
2001	sy	139.6	5.7	2.5	24.0	16.2
	\$	\$33,761,000	\$1,378,000	\$1,088,000	\$5,804,000	\$2,388,000
2002	sy	137.0	6.0	2.5	25.0	16.5
	\$	\$34,325,000	\$1,503,000	\$1,117,000	\$6,263,000	\$2,452,000
2003	sy	135.0	6.0	2.5	25.0	16.5
	\$	\$35,041,000	\$1,557,000	\$1,147,000	\$6,489,000	\$2,518,000
2004	sy	133.0	6.0	2.5	25.0	16.5
	\$	\$35,765,000	\$1,613,000	\$1,178,000	\$6,664,000	\$2,586,000

**Louisiana Cooperative Extension Service  
Total Program**

fy		GOAL 1	GOAL 2	GOAL 3	GOAL 4	GOAL 5
1999	fte <sup>a</sup>	127.2	65.9	88.5	21.0	49.2
	\$ <sup>b</sup>	\$6,932,400	\$3,591,550	\$3,575,250	\$1,144,500	\$2,681,400
2000	fte	126.0	65.0	88.5	22.0	49.0
	\$	\$6,867,000	\$3,542,500	\$3,575,250	\$1,199,000	\$2,670,500
2001	fte	125.0	64.0	88.5	22.0	48.5
	\$	\$6,812,500	\$3,488,000	\$3,575,250	\$1,199,000	\$2,643,250
2002	fte	124.0	63.0	88.5	23.0	48.0
	\$	\$6,758,000	\$3,433,500	\$3,575,250	\$1,253,500	\$2,616,000
2003	fte	123.0	62.0	88.5	23.0	47.0
	\$	\$6,703,500	\$3,379,000	\$3,575,250	\$1,253,500	\$2,561,500
2004	fte	123.0	62.0	88.5	23.0	47.0
	\$	\$6,703,500	\$3,379,000	\$3,575,250	\$1,253,500	\$2,561,500

<sup>a</sup> 1 fte equals 261 person days (agents, specialists, program aides)

<sup>b</sup> professional fte x \$54,500; paraprofessional fte (Goal 3) x \$35,000

**Louisiana Agricultural Experiment Station  
Federal Component**

fy		GOAL 1	GOAL 2	GOAL 3	GOAL 4	GOAL 5
1997	sy	12.8	0.3	1.7	2.9	1.8
	\$	\$2,787,000	\$71,000	\$779,000	\$637,000	\$244,000
2000	sy	12.2	0.4	1.9	2.8	1.8
	\$	\$2,926,000	\$75,000	\$818,000	\$669,000	\$256,000
2001	sy	12.1	0.3	1.9	2.8	1.7
	\$	\$2,926,000	\$75,000	\$818,000	\$669,000	\$256,000
2002	sy	11.7	0.3	1.8	2.7	1.7
	\$	\$2,926,000	\$75,000	\$818,000	\$669,000	\$256,000
2003	sy	11.3	0.3	1.8	2.6	1.7
	\$	\$2,926,000	\$75,000	\$818,000	\$669,000	\$256,000
2004	sy	10.9	0.3	1.7	2.5	1.6
	\$	\$2,926,000	\$75,000	\$818,000	\$669,000	\$256,000

Note: sy values in this table are approximations based on the actual federal expenditures in fy 1997, the projected federal expenditures in the remainder of the table, and the average \$/sy for all LAES programs.

**Louisiana Cooperative Extension Service  
Federal Component**

fy		GOAL 1	GOAL 2	GOAL 3	GOAL 4	GOAL 5
1999	fte <sup>a</sup>	30.5	15.8	69.8	5.0	11.8
	\$ <sup>b</sup>	\$1,662,250	\$861,100	\$2,556,100	\$272,500	\$643,100
2000	fte	30.4	15.6	69.8	4.9	11.7
	\$	\$1,656,800	\$850,200	\$2,556,100	\$267,050	\$637,650
2001	fte	30.2	15.4	69.8	4.8	11.6
	\$	\$1,645,900	\$839,300	\$2,556,100	\$261,600	\$632,200
2002	fte	30.0	15.4	69.8	4.8	11.6
	\$	\$1,635,000	\$839,300	\$2,556,100	\$261,600	\$632,200
2003	fte	29.8	15.4	69.8	4.8	11.6
	\$	\$1,624,100	\$839,300	\$2,556,100	\$261,600	\$632,200
2004	fte	29.6	15.4	69.8	4.8	11.6
	\$	\$1,613,200	\$839,300	\$2,556,100	\$261,600	\$632,200

<sup>a</sup> 1 fte equals 261 person days (agents, specialists, program aides)

<sup>b</sup> professional fte x \$54,500; paraprofessional fte (Goal 3) x \$35,000

APPROVALS

Larry Rogers 7/13/99  
R. Larry Rogers, Vice-Chancellor for Research and Director, LAES

Jack L. Bagent 7/14/99  
Jack L. Bagent, Vice-Chancellor for Extension and Director, LCES

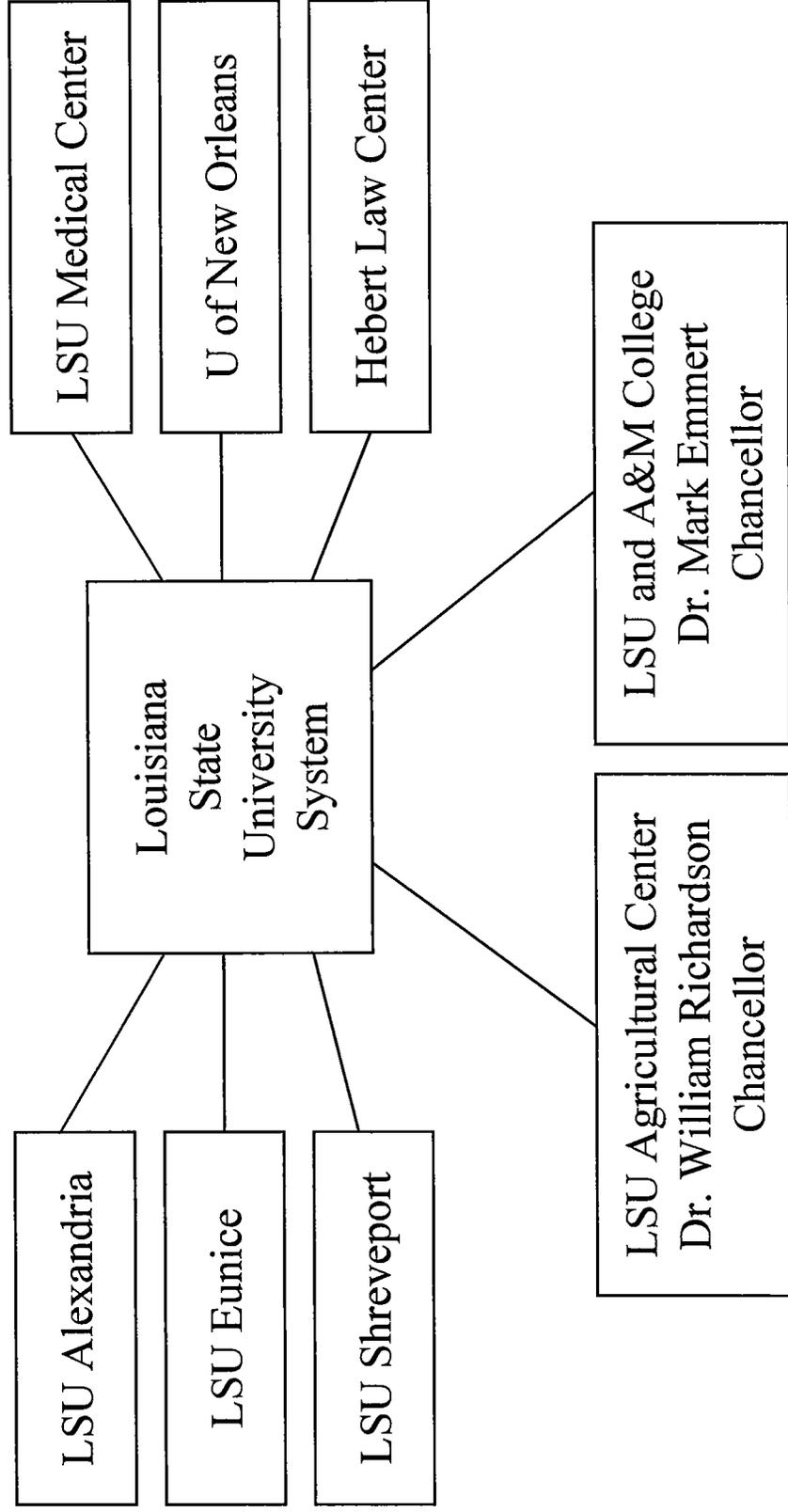
William B. Richardson 7-13-99  
William B. Richardson, Chancellor and Chalkley Family Endowed Chair

**USDA-CSREES PLAN OF WORK  
for the  
LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER  
2000-2004**

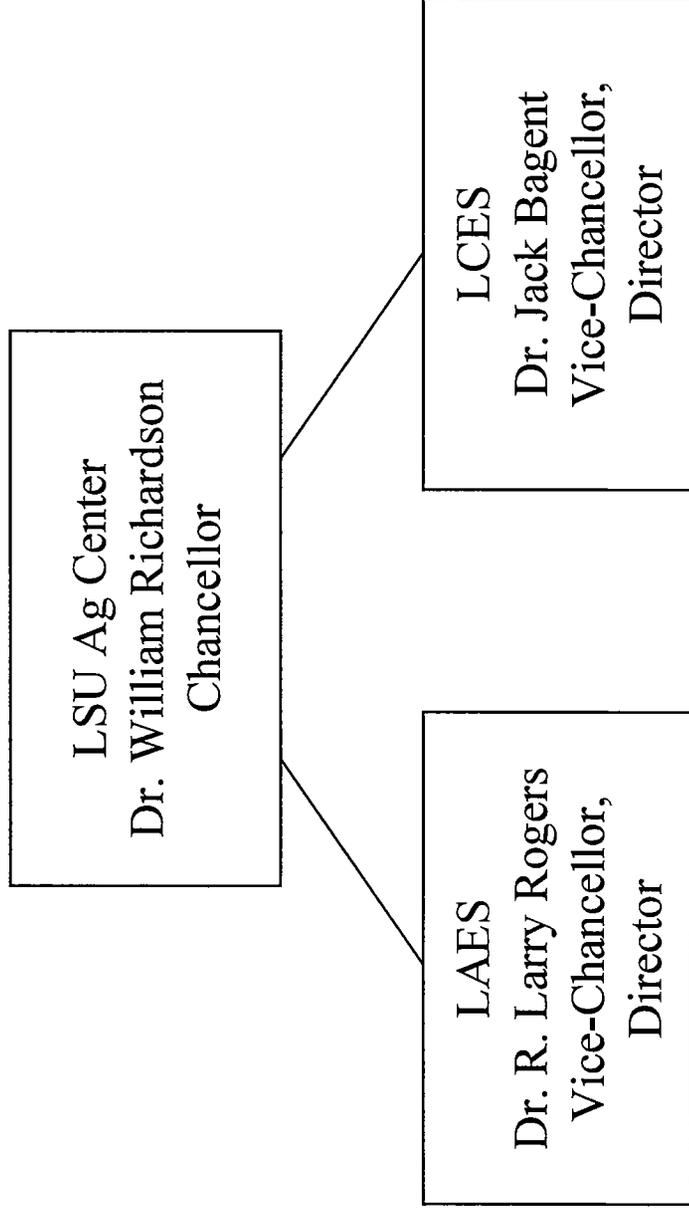
**Appendix I**

**LSU Agricultural Center Organizational Structure**

# LSU System Organizational Structure



# LSU Agricultural Center



**USDA-CSREES PLAN OF WORK  
for the  
LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER  
2000-2004**

**Appendix II**

**LSU Agricultural Center Stakeholder Groups**

**Commodity Groups:**

American Sugarcane League  
American Ornithologists Union  
Azalea Society of America  
Black Bear Conservation Commission  
Cotton Foundation  
Cotton Incorporated  
Dairy Farmers of America  
Delta Waterfowl Foundation  
Forest Landowners Association  
Gulf Oyster Industry Commission  
Louisiana Bull Testing Association  
Louisiana Guernsey Cattle Club  
Louisiana Holstein Association  
Louisiana Mayhaw Association  
Louisiana Pork Producers Association  
Louisiana Turfgrass Association  
Louisiana State Cotton Support Committee  
Louisiana Turtle Producers  
Louisiana Catfish Promotion and Research Board  
Louisiana Soybean Association  
Louisiana Dairy Fieldmen's Association  
Louisiana Dairy Herd Improvement Association  
Louisiana Cattlemen's Association  
Louisiana Pecan Growers Association  
Louisiana Forestry Association  
Louisiana Crawfish Promotion and Research Board  
Louisiana Catfish Farmers Association  
Louisiana Sweet Potato Commission  
Louisiana Soybean & Feed Grain Research and Promotion Board  
Louisiana Fur and Alligator Council  
Louisiana Sweet Potato Association  
Louisiana Aquaculture Association  
Louisiana Poultry Federation  
Louisiana Alligator Farmers and Ranchers Association  
Louisiana Wildlife Federation  
Louisiana Rice Research Board  
Louisiana Association of Nurserymen  
Louisiana Vegetable Growers Association  
Miss-Lou Blueberry Association  
National Cottonseed Products Association  
National Fish and Wildlife Foundation  
National Turfgrass Evaluation Program  
National Corn Growers Association

North Louisiana Produce Cooperative  
Pacific West Cancer Foundation  
Southeastern Poultry and Egg Association  
Southeastern Pecan Growers Association  
Southern Fruit Fellowship  
Southern Nurserymen Association  
The Wildlife Society  
Tri-state Soybean Forum  
U.S. Canola Association  
Western Pecan Growers Association

**State Agencies/Federal Agencies:**

Bureau of Land Management  
Louisiana Water Resources Institute  
Louisiana Department of Agriculture and Forestry  
Louisiana Department of Environmental Quality  
Louisiana Department of Natural Resources  
Louisiana Cooperative Extension Service  
Louisiana Department of Health and Hospitals  
Louisiana Department of Social Services  
Louisiana Department of Wildlife and Fisheries  
NASA (Kennedy Space Center, Ames Research Center, LBJ Space Center)  
NIH  
Southern Rural Development Center  
TVA-Oak Ridge National Laboratory  
U. S. Environmental Protection Agency  
U.S. National Marine Fisheries Service  
U.S. Fish and Wildlife Service  
U.S. Food & Drug Association  
U.S. Park Service  
U.S. Department of Interior  
U.S. Geological Survey  
U.S. Minerals Management Service  
U.S. Department of Energy  
U.S. Army Corps of Engineers  
USDA-APHIS  
USDA-ARS  
USDA-CSREES  
USDA-ERS  
USDA-Forest Service  
USDA-NASS  
USDA-Natural Resources Conservation Service  
New Orleans Mosquito and Termite Control Board

**Non-governmental Organizations (not commodity specific):**

Ducks Unlimited

Louisiana Native Plant Society

Louisiana Urban Forestry Council

Louisiana Pest Management Consultants

Louisiana Seedsmen's Association

Louisiana Council of Farmer Cooperatives

Louisiana Association of Agronomists

Louisiana Farm Bureau Federation

Louisiana Pest Control Association

Louisiana Chapter - Farm Managers and Rural Appraisers

National Tree Trust

Nature Conservancy

Potash and Phosphate Institute

Safari Club International

Sierra Club

U.S. Animal Health Association

Vieux Carre Commission

**Private Sector (chemical companies, pharmaceutical companies, food processors, seed companies, etc.):**

Abbott Laboratories  
Ag. Chem. Equipment Company  
Agr Evo USA Company  
Agri Pro Seeds  
Albermarle  
Allen Canning Company  
Alpharma N.W., Inc.  
American Cyanamid Company  
AmeriPure Oyster Company  
Badley Chemical Company  
Barenbrug Seed Company  
BASF Corporation  
Bayer Corporation  
Boise-Cascade  
Bruce Foods  
Buckeye Technologies  
Champion International  
Community Coffee Company  
Crookam Seed Company  
Crown-Vantage  
Deltapine Seeds  
Domino Sugar  
Dow Elanco  
Dow Agro Sciences  
E.I. DuPont  
Elf Atochem  
Entergy Corporation  
FMC Corporation  
Fort Dodge Animal Health  
GECO-PRAKLA  
Genex Cooperative, Inc.  
Georgia-Pacific  
Gerber Foods  
Gowan Company  
Griffin Corporation  
Gustafson  
Hawaii Chemtech International  
Helena Chemical Company  
Hoechst Roussel Vet.  
Hubbard Feeds, Inc.  
IMC Agrico

International Paper  
ISK Biosciences Corp.  
Kleinpeter Farms Dairy  
Louisiana Seafood Promotion Board  
Louisiana Pacific Corporation  
Louisiana Premium Seafood  
Merck  
Merial Ltd.  
Miles  
Monsanto Company  
MoorMan's, Inc.  
MTS Testing Instruments  
Mycotech Corporation  
National Food & Energy Council  
Novartis Crop Protection  
Omega Protein  
Paymaster Cottonseed  
People's Moss Gin Company  
Pfizer Animal Health  
Phytogen Seed Company  
Pro-Chem Chemical Company  
Rhone-Poulenc Ag Company  
Riviana Foods  
Roche Vitamins, Inc.  
Rohn and Haas Company  
Satake Engineering  
Schering - Plough  
Southeast Poultry Association  
Southern Select  
Stoller Enterprises  
Stoneville Pedigreed Seed Company  
Sure-Grow Seed, Inc.  
Temple-Inland Corporation  
Terra International, Inc.  
Thermo Trilogy (Kleentak) Company  
U.S. Rice Federation  
Union-Camp  
Uniroyal Chemical Company  
United Agri Products, Inc.  
Valent USA Corporation  
Westvaco Corporation  
Weyerhaeuser  
Woman's Hospital  
Zapp's  
Zeneca Ag Products

**USDA-CSREES PLAN OF WORK  
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LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER  
2000-2004**

**Appendix III**

**Research Advisory Committee Membership List<sup>1</sup>**

<sup>1</sup>The position codes (POSN) on the following pages refer to faculty leaders (LDR), administrative advisors (AA), extension representatives (ER), and participating faculty scientists (FS). Those carrying the SU designation in the address column are members representing Southern University, Louisiana's 1890 land-grant institution.

RESEARCH ADVISORY COMMITTEES - 1999

April 7, 1999

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
1	BASIC PLANT BIOLOGY	STINE M	LDR	FWF	314	FWF	BR	LA	70803	225 388-4137
1	BASIC PLANT BIOLOGY	SILVERMAN H	AA	BIOSCI	508	LIFE SCIENCE	BR	LA	70803	225 388-2601
1	BASIC PLANT BIOLOGY	WHITAM H K	ER	EXT	250	KNAPP	BR	LA	70803	225 388-6195
1	BASIC PLANT BIOLOGY	DAMANN K E	FS	PPATH	472	LIFE SCIENCE	BR	LA	70803	225 388-1401
1	BASIC PLANT BIOLOGY	SCHNEIDER R W	FS	PPATH	302	LIFE SCIENCE	BR	LA	70803	225 388-1464
1	BASIC PLANT BIOLOGY	VALVERDE R A	FS	PPATH	434	LIFE SCIENCE	BR	LA	70803	225 388-1384
1	BASIC PLANT BIOLOGY	CROUGHAN T P	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	BASIC PLANT BIOLOGY	OARD J H	FS	AGRON	218	M B STURGIS	BR	LA	70803	225 388-1301
1	BASIC PLANT BIOLOGY	MURAI N	FS	PPATH	324	LIFE SCIENCE	BR	LA	70803	225 388-1380
1	BASIC PLANT BIOLOGY	COHN M A	FS	PPATH	493	LIFE SCIENCE	BR	LA	70803	225 388-1322
1	BASIC PLANT BIOLOGY	SHIH D S	FS	BIOSCI	508	LIFE SCIENCE	BR	LA	70803	225 388-2601
1	BASIC PLANT BIOLOGY	BARTLETT S G	FS	BIOSCI	508	LIFE SCIENCE	BR	LA	70803	225 388-2601
1	CORN SORGHUM WHEAT	HARRISON S A	LDR	AGRON	221	M B STURGIS	BR	LA	70803	225 388-1308
1	CORN SORGHUM WHEAT	SNOW J P	AA	PPATH	302	LIFE SCIENCE	BR	LA	70803	225 388-1464
1	CORN SORGHUM WHEAT	TWIDWELL E K	ER	EXT	255	KNAPP	BR	LA	70803	225 388-2118
1	CORN SORGHUM WHEAT	MORRISON W C	ER	EXT	257	KNAPP	BR	LA	70803	225 388-4070
1	CORN SORGHUM WHEAT	KANG M S	FS	AGRON	105	M B STURGIS	BR	LA	70803	225 388-1206
1	CORN SORGHUM WHEAT	MASCAGNI H J	FS	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	CORN SORGHUM WHEAT	VIDRINE P R	FS	DEANLEE		8105 E. CAMPUS DR	ALEXANDRIA	LA	71302-9608	318 473-6520
1	CORN SORGHUM WHEAT	DAMANN K E	FS	PPATH	472	LIFE SCIENCE	BR	LA	70803	225 388-1401
1	CORN SORGHUM WHEAT	RILEY T J	FS	ENTOM	416	LIFE SCIENCE	BR	LA	70803	225 388-1819
1	CORN SORGHUM WHEAT	MUSGRAVE M E	FS	PPATH	464	LIFE SCIENCE	BR	LA	70803	225 388-1391
1	CORN SORGHUM WHEAT	PRICE R	FS	BAE	149	EB DORAN	BR	LA	70803	225 388-3153
1	COTTON	MYERS G O	LDR	AGRON	107	M B STURGIS	BR	LA	70803	225 388-2110
1	COTTON	HUTCHINSON R L	AA	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	COTTON	BARNETT J	ER	MACON		212 MACON RIDGE RD	WINNSBORO	LA	71295-5719	318 435-2182
1	COTTON	COLYER P D	FS	REDRIVER		P O BOX 8550	BOSSIER CITY	LA	71113-8550	318 741-7430
1	COTTON	PADGETT G B	FS	MACON		212 MACON RIDGE RD	WINNSBORO	LA	71295-5719	318 435-2157
1	COTTON	MCGAWLEY E C	FS	PPATH	446	LIFE SCIENCE	BR	LA	70803	225 388-1387
1	COTTON	LEONARD B R	FS	MACON		212 MACON RIDGE RD	WINNSBORO	LA	71295-5719	318 435-2157
1	COTTON	MAILANDER M P	FS	BAE	167	E B DORAN	BR	LA	70803	225 388-1058
1	COTTON	KOVAR J L	FS	AGRON	109	M B STURGIS	BR	LA	70803	225 388-1210
1	COTTON	BURRIS E	FS	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	COTTON	OTTEA J A	FS	ENTOM	565	LIFE SCIENCE	BR	LA	70803	225 388-1841
1	COTTON	HOLMAN M	FS	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	COTTON	MILLER D	FS	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	COTTON	BECHTEL A	FS	AGECON	127	AG ADMIN BLDG	BR	LA	70803	225 388-2727

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
1	PASTURE FORAGE	VENUTO B C	LDR	AGRON	115	M B STURGIS	BR	LA	70803	225 388-1303
1	PASTURE FORAGE	VIATOR H P	AA	IBERIA		P O BOX 466	JEANERETTE	LA	70544	318 276-5527
1	PASTURE FORAGE	TWIDWELL E K	ER	EXT	255	KNAPP	BR	LA	70803	225 388-2118
1	PASTURE FORAGE	ALISON M W	FS	MACON		212 MACON RIDGE RD	WINNSBORO	LA	71295-5719	318 435-2157
1	PASTURE FORAGE	EICHHORN M M	FS	HILL FARM		RT 1 BOX 10	HOMER	LA	71040	318 927-2578
1	PASTURE FORAGE	BLOUIN D C	FS	EXPSTAT 45		AG ADMIN BLDG	BR	LA	70803	225 388-8281
1	PASTURE FORAGE	REDFEARN D	FS	SE RES		P O DRAWER 567	FRANKLINTON	LA	70438	504 839-2322
1	PASTURE FORAGE	PITMAN W D	FS	ROSEPIN		P O BOX 26	ROSELINE	LA	70659	318 463-7708
1	PASTURE FORAGE	CROUGHAN S S	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	PASTURE FORAGE	GILLESPIE J M	FS	AGECON 211		AG ADMIN BLDG	BR	LA	70803	225 388-2751
1	PASTURE FORAGE	MCCORMICK ME	FS	SE RES		PO DRAWER 567	FRANKLINTON	LA	70438	504 839-2322
1	PASTURE FORAGE	WYATT W E	FS	IBERIA		P O BOX 466	JEANERETTE	LA	70544	318 276-5527
1	PASTURE FORAGE	COOMBS D F	FS	DEANLEE		8105 E CAMPUS DR	ALEXANDRIA	LA	71302-9608	318 473-6520
1	PASTURE FORAGE	WARD J D	FS	SE RES		P O DRAWER 567	FRANKLINTON	LA	70438	504 839-2322
1	PASTURE FORAGE	BACHIREDDY V R	FS	PLSOSCI 114-A		FISHER HALL (SU)	BR	LA	70813	225 771-2440
1	FORESTRY FOREST PRODUC	CHAMBERS J L	LDR	FWF	338	FWF	BR	LA	70803	225 388-4222
1	FORESTRY FOREST PRODUC	LINNARTZ N	AA	FWF	227	FWF	BR	LA	70803	225 388-4131
1	FORESTRY FOREST PRODUC	MILLS R H	ER	EXT	225	KNAPP	BR	LA	70803	225 388-4087
1	FORESTRY FOREST PRODUC	CAO Q V	FS	FWF	323	FWF	BR	LA	70803	225 388-4218
1	FORESTRY FOREST PRODUC	CLASON T R	FS	HILL FARM		RT 1 BOX 10	HOMER	LA	71040	318 927-2578
1	FORESTRY FOREST PRODUC	GOYER R A	FS	ENTOM 540		LIFE SCIENCE	BR	LA	70803	225 388-1827
1	FORESTRY FOREST PRODUC	JONES J P	FS	PPATH 433		LIFE SCIENCE	BR	LA	70803	225 388-1383
1	FORESTRY FOREST PRODUC	CHANG S J	FS	FWF	319	FWF	BR	LA	70803	225 388-4167
1	FORESTRY FOREST PRODUC	DEAN T J	FS	FWF	227	FWF	BR	LA	70803	225 388-4216
1	FORESTRY FOREST PRODUC	SMITH W R	FS	FWF	105	FWF	BR	LA	70803	225 388-4155
1	FORESTRY FOREST PRODUC	STINE M	FS	FWF	319	FWF	BR	LA	70803	225 388-4137
1	FORESTRY FOREST PRODUC	GUDDANTI S	FS	FWF	318	FWF	BR	LA	70803	225 388-4734
1	FORESTRY FOREST PRODUC	VLOSKY R P	FS	FWF	108	FWF	BR	LA	70803	225 388-4527
1	FORESTRY FOREST PRODUC	CHOONG E T	FS	FWF	112	FWF	BR	LA	70803	225 388-4158
1	FORESTRY FOREST PRODUC	CARPENTER S B	FS	FWF	220	FWF	BR	LA	70803	225 388-4169
1	FORESTRY FOREST PRODUC	LIU Z	FS	FWF	212	FWF	BR	LA	70803	225 388-4214
1	FORESTRY FOREST PRODUC	WU Q	FS	FWF		FWF	BR	LA	70803	225 388-4131
1	FORESTRY FOREST PRODUC	DEHOOP N	FS	FWF		FWF	BR	LA	70803	225 388-4131
1	FORESTRY FOREST PRODUC	NING Z	FS	PLSOSCI 114-A		FISHER HALL (SU)	BR	LA	70813	225 388-4131
1	RICE	GROTH D E	LDR	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	RICE	MUSICK J A	AA	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	RICE	SAICHUK J K	ER	EXT		P O BOX 497	CROWLEY	LA	70527-0497	318 788-7547
1	RICE	BOLLIH P K	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	RICE	LINSCOMBE S D	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
1	RICE	DUNAND R T	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	RICE	RUSH M C	FS	PPATH	468	LIFE SCIENCE	BR	LA	70803	225 388-1393
1	RICE	BELL P F	FS	AGRON	219	M B STURGIS	BR	LA	70803	225 388-2110
1	RICE	ZAPATA H O	FS	AGECON	234	AG ADMIN BLDG	BR	LA	70803	225 388-2766
1	RICE	SALASSI M E	FS	AGECON	213	AG ADMIN BLDG	BR	LA	70803	225 388-2713
1	RICE	LIMA M	FS	BAE	159	E B DORAN	BR	LA	70803	225 388-3153
1	RICE	WILLIAMS B J	FS	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	RICE	STOUT M J	FS	ENTOM	402	LIFE SCIENCE	BR	LA	70803	225 388-1634
1	RICE	WEBSTER E P	FS	PPATH	210D	H D WILSON	BR	LA	70803	225 388-5976
1	SOYBEAN	MOORE S H	LDR	DEANLEE		8105 E CAMPUS DR.	ALEXANDRIA	LA	71302-9608	318 473-6520
1	SOYBEAN	GUILLOT F S	AA	ENTOM	402	LIFE SCIENCE	BR	LA	70803	225 388-1634
1	SOYBEAN	MORRISON W C	ER	EXT	257	KNAPP	BR	LA	70803	225 388-4070
1	SOYBEAN	RABB J L	FS	RED RIVER		P O BOX 8550	BOSSIER CITY	LA	71113-8550	318 741-7430
1	SOYBEAN	HALLMARK W B	FS	IBERIA		P O BOX 466	JEANERETTE	LA	70544	318 276-5527
1	SOYBEAN	HARVILLE B G	FS	AGRON	112	M B STURGIS	BR	LA	70803	225 388-1216
1	SOYBEAN	BOETHEL D J	FS	ENTOM	406	LIFE SCIENCE	BR	LA	70803	225 388-1816
1	SOYBEAN	SCHNEIDER R W	FS	PPATH	302	LIFE SCIENCE	BR	LA	70803	225 388-1464
1	SOYBEAN	BOQUET D J	FS	MACON		212 MACON RIDGE RD	WINNSBORO	LA	71295-5719	318 435-2157
1	SOYBEAN	KENNEDY P L	FS	AGECON	101	AG ADMIN BLDG	BR	LA	70803	225 388-3282
1	SOYBEAN	DAWKINS N	FS	FACOSCI	204	P E THRIFT HALL (SU)	BR	LA	70813	225 771-2509
1	SOYBEAN	MILLER D	FS	NE RES		BOX 438	ST JOSEPH	LA	71366	318 766-3769
1	SUGARCANE	HOY J W	LDR	PPATH	466	LIFE SCIENCE	BR	LA	70803	225 388-1392
1	SUGARCANE	GRAVOIS K A	AA	SUGAR		P O BOX 34	ST GABRIEL	LA	70776-0034	225 642-8150
1	SUGARCANE	FAW W F	ER	EXT	255	KNAPP	BR	LA	70803	225 388-2118
1	SUGARCANE	KAMPEN W	FS	ASI	110	SUGAR STATION BLDG	BR	LA	70803	225 388-3349
1	SUGARCANE	REAGAN T E	FS	ENTOM	474	LIFE SCIENCE	BR	LA	70803	225 388-1824
1	SUGARCANE	GRIFFIN J L	FS	PPATH	210	WILSON LAB	BR	LA	70803	225 388-1768
1	SUGARCANE	MILLIGAN S B	FS	AGRON	214	M B STURGIS	BR	LA	70803	225 388-1300
1	SUGARCANE	RICAUD R D	FS	AGRON	212	M B STURGIS	BR	LA	70803	225 388-1329
1	SUGARCANE	BIRKETT H S	FS	ASI	110	SUGAR STATION BLDG	BR	LA	70803	225 388-3334
1	SUGARCANE	SALASSI M E	FS	AGECON	101	AG ADMIN BLDG	BR	LA	70803	225 388-3282
1	SUGARCANE	WRIGHT M E	FS	BAE	163	E B DORAN	BR	LA	70803	225 388-3153
1	SUGARCANE	HALLMARK W B	FS	IBERIA		P O BOX 466	JEANERETTE	LA	70544	318 276-5527
1	SUGARCANE	SASKA M	FS	ASI		S STADIUM ROAD	BR	LA	70803	225 388-3327
1	SUGARCANE	CHEN J	FS	HUMECO	341	HUMAN ECOLOGY	BR	LA	70803	225 388-2407
1	CITRUS FRUITS NUTS	JOHNSON C E	LDR	HORT	233	J C MILLER	BR	LA	70803	225 388-1039
1	CITRUS FRUITS NUTS	CONSTANTIN R J	AA	HAMMON		21549 OLD COVINGTO	HAMMOND	LA	70403	504 543-4125
1	CITRUS FRUITS NUTS	PULSE E	ER	EXT	157	J C MILLER	BR	LA	70803	225 388-2222
1	CITRUS FRUITS NUTS	BOURGEOIS W J	FS	CITRUS		22193 HIGHWAY 23	PORT SULPHUR	L	70083	504 564-2467

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
1	CITRUS FRUITS NUTS	PICHAD H	FS	HORT	113	J C MILLER	BR	LA	70803	225 388-1032
1	CITRUS FRUITS NUTS	SANDERLIN R S	FS	PECAN		P O BOX 5519	SHREVEPORT	LA	71135-5519	318 797-8034
1	CITRUS FRUITS NUTS	EDLING R J	FS	BAE	119A	E B DORAN	BR	LA	70803	225 388-1065
1	CITRUS FRUITS NUTS	HALL M J	FS	PECAN		P O BOX 5519	SHREVEPORT	LA	71135-5519	318 797-8034
1	CITRUS FRUITS NUTS	GRAHAM C J	FS	CALHOUN		P O BOX 539	CALHOUN	LA	71225	318 644-2662
1	CITRUS FRUITS NUTS	JOHNSON S J	FS	ENTOM	482	LIFE SCIENCE	BR	LA	70803	225 388-1826
1	CITRUS FRUITS NUTS	BUCKLEY J B	FS	CALHOUN		P O BOX 539	CALHOUN	LA	71225	318 644-2662
1	CITRUS FRUITS NUTS	QUEBEDEAUX J P	FS	HAMMOND		21549 OLD COVINGTO	HAMMOND	LA	70403	504 543-4125
1	CITRUS FRUITS NUTS	O'BARR R B	FS	PECAN		P O BOX 5519	SHREVEPORT	LA	71135-5519	318 797-8034
1	CITRUS FRUITS NUTS	MILLER T	FS	PLSOSCI	108	FISHER HALL (SU)	BR	LA	70813	225 771-3584
1	SWEET POTATO	LABONTE D R	LDR	HORT	137	J C MILLER	BR	LA	70803	225 388-1024
1	SWEET POTATO	CANNON J M	AA	EXT		P O BOX 120	CHASE	LA	71324	318 435-2155
1	SWEET POTATO	CANNON J M	ER	EXT		P O BOX 120	CHASE	LA	71324	318 435-2155
1	SWEET POTATO	CLARK C A	FS	PPATH	428	LIFE SCIENCE	BR	LA	70803	225 388-1381
1	SWEET POTATO	WRIGHT M E	FS	BAE	163	E B DORAN	BR	LA	70803	225 388-1059
1	SWEET POTATO	HAMMOND A M	FS	ENTOM	564	LIFE SCIENCE	BR	LA	70803	225 388-1828
1	SWEET POTATO	STORY R N	FS	ENTOM	570	LIFE SCIENCE	BR	LA	70803	225 388-1833
1	SWEET POTATO	HINSON R A	FS	AGECON	221	AG ADMIN BLDG	BR	LA	70803	225 388-2753
1	SWEET POTATO	WILSON P W	FS	HORT	129	J C MILLER	BR	LA	70803	225 388-1025
1	SWEET POTATO	DAWKINS N	FS	FACOSCI	204	P.E. THRIFT HALL (SU)	BR	LA	70803	225 771-2509
1	VEGETABLES	BRACY R P	LDR	HAMMOND		21549 OLD COVINGTO	HAMMOND	LA	70403	504 543-4125
1	VEGETABLES	ROBBINS M L	AA	CALHOUN		P O BOX 539	CALHOUN	LA	71225	318 644-2662
1	VEGETABLES	BOUDREAUX J E	ER	EXT	161	J C MILLER	BR	LA	70803	225 388-2519
1	VEGETABLES	HINSON R A	FS	AGECON	221	AG ADMIN BLDG	BR	LA	70803	225 388-2753
1	VEGETABLES	STORY R N	FS	ENTOM	570	LIFE SCIENCE	BR	LA	70803	225 388-1833
1	VEGETABLES	HANNA H Y	FS	RED RIVER		P O BOX 8550	BOSSIER CITY	LA	71113-8550	318 741-7430
1	VEGETABLES	PARISH R L	FS	HAMMOND		21549 OLD COVINGTO	HAMMOND	LA	70403	504 543-4125
1	VEGETABLES	BUCKLEY B	FS	CALHOUN		P O BOX 539	CALHOUN	LA	71225	318 644-2662
1	VEGETABLES	GRAHAM C J	FS	CALHOUN		P O BOX 539	CALHOUN	LA	71225	318 644-2662
1	VEGETABLES	CONSTANTIN R J	FS	HAMMOND		21549 OLD COVINGTO	HAMMOND	LA	70403	504 543-4125
1	VEGETABLES	MOTSENBOKER C E	FS	HORT	225B	J C MILLER	BR	LA	70803	225 388-1036
1	VEGETABLES	COLYER P D	FS	RED RIVER		P O BOX 8550	BOSSIER CITY	LA	7113-8550	318 741-7430
1	VEGETABLES	BANDELE O	FS	PLSOSCI	117	FISHER HALL (SU)	BR	LA	70813	225 771-2262
1	VEGETABLES	MILLER T	FS	PLSOSCI	108	FISHER HALL (SU)	BR	LA	70813	225 771-3584
1	ORNAMENTALS & TURF	KUEHNY J S	LDR	HORT	255	J C MILLER	BR	LA	70803	225 388-2158
1	ORNAMENTALS & TURF	HEGWOOD C P	AA	HORT	137	J C MILLER	BR	LA	70803	225 388-2158
1	ORNAMENTALS & TURF	OWINGS A D	ER	EXT	163	J C MILLER	BR	LA	70803	225 388-2222
1	ORNAMENTALS & TURF	HOLCOMB G E	FS	PPATH	444	LIFE SCIENCE	BR	LA	70803	225 388-1386
1	ORNAMENTALS & TURF	PORTER W C	FS	HAMMOND		21549 OLD COVINGTO	HAMMOND	LA	70403	504 543-4125

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
1	ORNAMENTALS & TURF	BUSH E W	FS	HORT	257	J C MILLER	BR	LA	70803	225 388-1044
1	ORNAMENTALS & TURF	HINSON R A	FS	AGECON	221	AG ADMIN BLDG	BR	LA	70803	225 388-2753
1	ORNAMENTALS & TURF	MCCRIMMON J N	FS	HORT	226	J C MILLER	BR	LA	70803	225 388-1029
1	ORNAMENTALS & TURF	BATES A A	FS	BURDEN		4560 ESSEN LANE	BR	LA	70809	225 763-3990
1	ORNAMENTALS & TURF	CHIN K L	FS	URBFOR	114-A	FISHER HALL (SU)	BR	LA	70813	225 771-2440
1	ORNAMENTALS & TURF	MILLER T	FS	PLSOSCI	108	FISHER HALL (SU)	BR	LA	70813	225 771-3584
1	PLANT IMPRVMT & TESTING	MILLIGAN S B	LDR	AGRON	214	M B STURGIS	BR	LA	70803	225 388-1300
1	PLANT IMPRVMT & TESTING	BERGGREN G	AA	CENTRAL		2410 BEN HUR RD	BR	LA	70820	225 765-2876
1	PLANT IMPRVMT & TESTING	SAICHUK J	ER	EXT		P O BOX 497	CROWLEY	LA	70527-0497	318 788-7547
1	PLANT IMPRVMT & TESTING	BUCKLEY J B	FS	CALHOU		P O BOX 539	CALHOUN	LA	71225	318 644-2662
1	PLANT IMPRVMT & TESTING	CALDWELL W D	FS	RED RIVER		P O BOX 8550	BOSSIER CITY	LA	71113-8550	318 741-7430
1	PLANT IMPRVMT & TESTING	HANNA H Y	FS	RED RIVER		P O BOX 8550	BOSSIER CITY	LA	71113-8550	318 741-7430
1	PLANT IMPRVMT & TESTING	HARRISON S A	FS	AGRON	221	M B STURGIS	BR	LA	70803	225 388-1308
1	PLANT IMPRVMT & TESTING	HARVILLE B G	FS	AGRON	112	M B STURGIS	BR	LA	70803	225 388-1216
1	PLANT IMPRVMT & TESTING	JODARI F L	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	PLANT IMPRVMT & TESTING	JOHNSON C E	FS	HORT	137	J C MILLER	BR	LA	70803	225 388-2158
1	PLANT IMPRVMT & TESTING	KANG M S	FS	AGRON	105	M B STURGIS	BR	LA	70803	225 388-1206
1	PLANT IMPRVMT & TESTING	LABONTE D R	FS	HORT	137	J C MILLER	BR	LA	70803	225 388-1024
1	PLANT IMPRVMT & TESTING	LINSCOMBES D	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	PLANT IMPRVMT & TESTING	MYERS G O	FS	AGRON	107	M B STURGIS	BR	LA	70803	225 388-2110
1	PLANT IMPRVMT & TESTING	OARD J H	FS	AGRON	218	M B STURGIS	BR	LA	70803	225 388-1301
1	PLANT IMPRVMT & TESTING	RUSH M C	FS	PPATH	418	LIFE SCIENCE	BR	LA	70803	225 388-1393
1	PLANT IMPRVMT & TESTING	SHIH D S	FS	BIOSCI	508	LIFE SCIENCE	BR	LA	70803	225 388-2601
1	PLANT IMPRVMT & TESTING	STINE M	FS	FWF	314	FWF	BR	LA	70803	225 388-4137
1	PLANT IMPRVMT & TESTING	VENUTO B C	FS	AGRON	215	M B STURGIS	BR	LA	70803	225 388-1303
1	PLANT IMPRVMT & TESTING	BACHIREDDY V R	FS	PLSOSCI	114-A	FISHER HALL (SU)	BR	LA	70813	225 771-2440
1	BASIC ANIMAL BIOLOGY	TODD W J	LDR	VETSCI	231	DALRYMPLE BLDG	BR	LA	70803	225 388-5423
1	BASIC ANIMAL BIOLOGY	ENRIGHT F M	AA	VETSCI	111	DALRYMPLE BLDG	BR	LA	70803	225 388-4194
1	BASIC ANIMAL BIOLOGY	NICHOLSON S S	ER	EXT	231	KNAPP	BR	LA	70803	225 388-6590
1	BASIC ANIMAL BIOLOGY	SIEBLING R J	FS	BIOSCI	508	LIFE SCIENCE	BR	LA	70803	225 388-2601
1	BASIC ANIMAL BIOLOGY	FOIL L D	FS	ENTOM	476	LIFE SCIENCE	BR	LA	70803	225 388-1825
1	BASIC ANIMAL BIOLOGY	NICKERSON S C	FS	HILL FARM		RT 1 BOX 10	HOMER	LA	71040	318 927-2578
1	BASIC ANIMAL BIOLOGY	COOPER R K	FS	VETSCI	243	DALRYMPLE BLDG	BR	LA	70803	225 388-5421
1	BASIC ANIMAL BIOLOGY	ELZER P H	FS	VETSCI	121	DALRYMPLE BLDG	BR	LA	70803	225 388-4763
1	BASIC ANIMAL BIOLOGY	SATTERLEED G	FS	POULTRY	206	INGRAM	BR	LA	70803	225 388-4406
1	BASIC ANIMAL BIOLOGY	GODKE R A	FS	ANIMSCI	203	FRANCIONI	BR	LA	70803	225 388-3444
1	AQUACULTURE	REIGH R C	LDR	AQUA		2410 BEN HUR	BR	LA	70820	225 765-2848
1	AQUACULTURE	ROMAIRE R P	AA	AQUA		2410 BEN HUR	BR	LA	70820	225 765-2848
1	AQUACULTURE	LUTZ C G	ER	EXT	202G	KNAPP	BR	LA	70803	225 388-2518

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
1	AQUACULTURE	THUNE R L	FS	VETSCI	3305	VET MED BLDG	BR	LA	70803	225 388-3308
1	AQUACULTURE	TIERSCH T R	FS	AQUA		2410 BEN HUR	BR	LA	70820	225 765-2848
1	AQUACULTURE	MCCLAIN W R	FS	RICE		BOX 1429	CROWLEY	LA	70527-1429	318 788-7531
1	AQUACULTURE	DELLENBARGER L E	FS	AGECON	211	AG ADMIN BLDG	BR	LA	70803	225 388-2751
1	AQUACULTURE	WIERICH C R	FS	FWF	109	AQUA RES LAB	BR	LA	70820	225 765-2848
1	AQUACULTURE	COOPER R K	FS	VETSCI	243	DALRYMPLE BLDG	BR	LA	70803	225 388-5421
1	BEEF	WYATT W E	LDR	IBERIA		P O BOX 466	JEANERTTE	LA	70544	318 276-5527
1	BEEF	HUMES P	AA	ANIMSCI	105	FRANCIONI	BR	LA	70803	225 388-3241
1	BEEF	DELVECCHIO R P	ER	EXT	239	KNAPP	BR	LA	70803	225 388-2219
1	BEEF	DEROUEN S M	FS	HILL FARM		RT 1 BOX 10	HOMER	LA	71040	318 927-2578
1	BEEF	FRANKE D E	FS	ANIMSCI	102	J B FRANCIONI	BR	LA	70803	225 388-3436
1	BEEF	BIDNER T D	FS	ANIMSCI	116	J B FRANCIONI	BR	LA	70803	225 388-3437
1	BEEF	WHITE T W	FS	ANIMSCI	116	J B FRANCIONI	BR	LA	70803	225 388-3437
1	BEEF	GILLESPIE J M	FS	AGECON	211	AG ADMIN BLDG	BR	LA	70803	225 388-2751
1	BEEF	CHAPPELL A	FS	ANIMSCI	118	FISHER HALL (SU)	BR	LA	70813	225 771-3111
1	BEEF	SANSON D W	FS	ROSEFINE		P O BOX 26	ROSEFINE	LA	70659	318 463-7708
1	BEEF	WILLIAMS J C	FS	VETSCI	111	DALRYMPLE BLDG	BR	LA	70803	225 388-6279
1	BEEF	CORSTVET R E	FS	VETSCI	111	DALRYMPLE BLDG	BR	LA	70803	225 388-4194
1	DAIRY	CHANDLER J E	LDR	DAIRY	116	DAIRY SCIENCE	BR	LA	70803	225 388-3292
1	DAIRY	JENNY B F	AA	DAIRY	111	DAIRY SCIENCE	BR	LA	70803	225 388-4411
1	DAIRY	VACANT	ER							
1	DAIRY	ADKINSON R W	FS	DAIRY	101	DAIRY SCIENCE	BR	LA	70803	225 388-6241
1	DAIRY	GAUTHIER W M	FS	AGECON	238	AG ADMIN BLDG	BR	LA	70803	225 388-2765
1	DAIRY	BUNTING L D	FS	DAIRY	202B	DAIRY SCIENCE	BR	LA	70803	225 388-4386
1	DAIRY	OWENS W E	FS	HILL FARM		RT 1 BOX 10	HOMER	LA	71040	318 927-2578
1	DAIRY	GOUGH R H	FS	DAIRY	116	DAIRY SCIENCE	BR	LA	70803	225 388-4381
1	DAIRY	MCCORMICK M E	FS	SE RES		P O DRAWER 567	FRANKLINTON	LA	70438	504 839-2322
1	DAIRY	NICKERSON S C	FS	HILL FARM		RT 1 BOX 10	HOMER	LA	71040	318 927-2578
1	DAIRY	WARD J D	FS	SE RES		P O DRAWER 567	FRANKLINTON	LA	70438	504 839-2322
1	DAIRY	DRAPCHO C	FS	BAE	141	E B DORAN	BR	LA	70803	225 388-1055
1	DAIRY	WILLIAMS C	FS	DAIRY	111	DAIRY SCIENCE	BR	LA	70803	225 388-4194
1	POULTRY	HEBERT J A	LDR	POULTRY	208	CLYDE INGRAM	BR	LA	70803	225 388-4508
1	POULTRY	VERMA L	AA	BAE	149	E B DORAN	BR	LA	70803	225 388-3153
1	POULTRY	VACANT	ER							
1	POULTRY	GODBER J S	FS	FOODSCI	118A	FOOD SCIENCE	BR	LA	70803	225 388-5206
1	POULTRY	FARR A J	FS	POULTRY	210	CLYDE INGRAM	BR	LA	70803	225 388-4482
1	POULTRY	INGRAM D R	FS	POULTRY	118	CLYDE INGRAM	BR	LA	70803	225 388-3950
1	POULTRY	MCNITT J I	FS	ANIMSCI	117	FISHER HALL (SU)	BR	LA	70813	225 771-3111

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY,ST	ZIP	PHONE
1	HORSES	THOMPSON D L	LDR	ANIMSCI	207	J B FRANCIONI	BR LA	70803	225 388-3445
1	HORSES	KREIDER J L	AA	DEANLEE		8105 E CAMPUS DR	ALEXANDRIA LA	71302-9608	318 473-6520
1	HORSES	FRENCH D D	FS	VETSCI	136	DALRYMPLE BLDG	BR LA	70803	225 388-5440
1	HORSES	KLEI T R	FS	VETSCI	3442	VET MED BLDG	BR LA	70803	225 388-5434
1	SMALL RUMINANTS	FERNANDEZ J M	LDR	ANIMSCI	205	J B FRANCIONI	BR LA	70803	225 388-3442
1	SMALL RUMINANTS	BEATTY J	AA	SE RES		P O DRAWER 567	FRANKLINTON LA	70438	504 839-2322
1	SMALL RUMINANTS	DUMAS T L	ER	EXT	206	KNAPP	BR LA	70803	225 388-6702
1	SMALL RUMINANTS	MILLER J E	FS	EPIDEM	3106	VET MED BLDG	BR LA	70803	225 346-3287
1	SMALL RUMINANTS	CHAPPELL A	FS	ANIMSCI	118	FISHER HALL (SU)	BR LA	70813	225 771-3111
1	SMALL RUMINANTS	GEBRELUL S	FS	ANIMSCI	118	FISHER HALL (SU)	BR LA	70813	225 771-3111
1	SWINE	SOUTHERN L L	LDR	ANIMSCI	204	J B FRANCIONI	BR LA	70803	225 388-3449
1	SWINE	NIPPER A	AA	HILL FARM		RT 1 BOX 10	HOMER LA	71040	318 927-2578
1	SWINE	PAGE T G	ER	EXT	233	KNAPP	BR LA	70803	225 388-2214
1	SWINE	COOMBS D	FS	DEAN LEE		8105 E. CAMPUS AVE	ALEXANDRIA LA	71302-9306	318 473-6520
1	SWINE	BIDNER T D	FS	ANIMSCI	116	J B FRANCIONI	BR LA	70803	225 388-3437
1	SWINE	OLCOTT B M	FS	SVM		1843 VET MED	BR LA	70803	225 346-3182
1	SWINE	WALKER C	FS	ANIMSCI	117	FISHER HALL (SU)	BR LA	70813	225 771-3111
1	WILDLIFE & NATURAL	FISHER ROHWER F C	LDR	FWF	341	FWF	BR LA	70803	225 388-4146
1	WILDLIFE & NATURAL	FISHER PAXTON K W	AA	AGECON	101	AG ADMIN BLDG	BR LA	70803	225 388-3282
1	WILDLIFE & NATURAL	FISHER FOWLER J F	ER	EXT	221	KNAPP	BR LA	70803	225 388-4087
1	WILDLIFE & NATURAL	FISHER JOHNSON M K	FS	FWF	342	FWF	BR LA	70803	225 388-4224
1	WILDLIFE & NATURAL	FISHER CHABRECK R H	FS	FWF	331	FWF	BR LA	70803	225 388-4220
1	WILDLIFE & NATURAL	FISHER LUZAR E J	FS	AGECON	242	AG ADMIN BLDG	BR LA	70803	225 388-2763
1	WILDLIFE & NATURAL	FISHER WRIGHT V L	FS	FWF	327	FWF	BR LA	70803	225 388-4217
1	WILDLIFE & NATURAL	FISHER KELSO W E	FS	FWF	118	FWF	BR LA	70803	225 388-8176
1	WILDLIFE & NATURAL	FISHER MOSER E B	FS	EXPSTAT	149A	AG ADMIN BLDG	BR LA	70803	225 388-8303
2	NEW PLANT ENTERPRISES	KENNEDY C W	LDR	AGRON	113	M B STURGIS	BR LA	70803	225 388-1217
2	NEW PLANT ENTERPRISES	MCBRIDE J M	AA	REDRIVER		P O BOX 8550	BOSSIER CITY LA	71113-8550	318 741-7430
2	NEW PLANT ENTERPRISES	FUNDERBURGE	ER	EXT	268P	KNAPP	BR LA	70803	225 388-2186
2	NEW PLANT ENTERPRISES	MOTSENBOCKER C E	FS	HORT	235	J C MILLER	BR LA	70803	225 388-1040
2	NEW PLANT ENTERPRISES	BUCKLEY J B	FS	CALHOUN		P O BOX 539	CALHOUN LA	71225	318 644-2662
2	NEW PLANT ENTERPRISES	CARPENTER S B	FS	FWF	220	FWF	BR LA	70803	225 388-4169
3	VALUE ADDED	KAMPEN W	LDR	ASI	110	SUGAR STATION BLDG	BR LA	70803	225 388-3349
3	VALUE ADDED	PARK D L	AA	FOODSCI	111	FOOD SCIENCE	BR LA	70803	225 388-5206
3	VALUE ADDED	MOODY M W	ER	EXT	203	KNAPP	BR LA	70803	225 388-2152
3	VALUE ADDED	MC MILLIN K W	FS	ANIMSCI	105	J B FRANCIONI	BR LA	70803	225 388-3241
3	VALUE ADDED	CHOONG E T	FS	FWF	112	FWF	BR LA	70803	225 388-4158

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
3	VALUE ADDED	HUGHES D W	FS	AGECON	181	AG ADMIN BLDG	BR	LA	70803	225 388-2721
3	VALUE ADDED	DEHOOP C F	FS	FWF	136	FWF	BR	LA	70803	225 388-4242
3	VALUE ADDED	WILSON P W	FS	HORT	129	J C MILLER	BR	LA	70803	225 388-1025
3	VALUE ADDED	VLOSKY R P	FS	FWF	108	FWF	BR	LA	70803	225 388-4527
3	VALUE ADDED	WU Q	FS	FWF	107	FWF	BR	LA	70803	225 388-8369
3	VALUE ADDED	WALKER T	FS	BAE	105	E B DORAN	BR	LA	70803	225 388-1064
3	VALUE ADDED	LIMA M	FS	BAE	161	E B DORAN	BR	LA	70803	225 388-1060
3	VALUE ADDED	GODBER J S	FS	FOODSCI	118A	FOOD SCIENCE	BR	LA	70803	225 388-5206
3	VALUE ADDED	LYON W J	FS	FOODSCI	B3	FOOD SCIENCE	BR	LA	70803	225 388-5197
3	VALUE ADDED	PRINYAWIWATKUL W	FS	FOODSCI	114A	FOOD SCIENCE	BR	LA	70803	225 388-5188
3	VALUE ADDED	MCGREGOR J U	FS	DAIRY	115	DAIRY SCIENCE	BR	LA	70803	225 388-4380
3	VALUE ADDED	DAWKINS N	FS	FACOSCI	204	P.E. THRIFT HALL (SU)	BR	LA	70803	225 771-2509
3	VALUE ADDED	MEYINSSE P	FS	AGECON	113	FISHER HALL (SU)	BR	LA	70803	225 771-5124
3	VALUE ADDED	DIACK M	FS	CHEM		SOUTHERN UNIVERSIT	BR	LA	70813	225 771-2002
3	VALUE ADDED	DAY D F	FS	ASI		S STADIUM ROAD	BR	LA	70803	225 388-3348
3	VALUE ADDED	SUMMERS T A	FS	HUMECO	135	HUMAN ECOLOGY	BR	LA	70803	225 388-1524
3	VALUE ADDED	CHEN J	FS	HUMECO	341	HUMAN ECOLOGY	BR	LA	70803	225 388-2407
4	SOIL WATER & ENVIRONMENT	WALTHALL P M	LDR	AGRON	313	M B STURGIS	BR	LA	70803	225 388-1360
4	SOIL WATER & ENVIRONMENT	MARTIN F A	AA	AGRON	104B	M B STURGIS	BR	LA	70803	225 388-2110
4	SOIL WATER & ENVIRONMENT	COREIL P D	ER	EXT	102	EFFERSON HALL	BR	LA	70803	225 388-6912
4	SOIL WATER & ENVIRONMENT	BENGTSON R L	FS	BAE	149	E B DORAN	BR	LA	70803	225 388-1056
4	SOIL WATER & ENVIRONMENT	SELIM H M	FS	AGRON	305	M B STURGIS	BR	LA	70803	225 388-1332
4	SOIL WATER & ENVIRONMENT	BREITENBECK G A	FS	AGRON	314	M B STURGIS	BR	LA	70803	225 388-1362
4	SOIL WATER & ENVIRONMENT	HENNING S A	FS	AGECON	220	AG ADMIN BLDG	BR	LA	70803	225 388-2718
4	SOIL WATER & ENVIRONMENT	OTTEA J A	FS	ENTOM	565	LIFE SCIENCE	BR	LA	70803	225 388-1841
4	SOIL WATER & ENVIRONMENT	KAZMIERCZAK R F	FS	AGECON	101	AG ADMIN BLDG	BR	LA	70803	225 388-2712
4	SOIL WATER & ENVIRONMENT	FUXA J R	FS	ENTOM	576	LIFE SCIENCE	BR	LA	70803	225 388-1836
4	SOIL WATER & ENVIRONMENT	DRAPCHO C M	FS	BAE	141	E B DORAN	BR	LA	70803	225 388-1055
4	SOIL WATER & ENVIRONMENT	WALTHALL P M	FS	AGRON	313	M B STURGIS	BR	LA	70803	225 388-1360
4	SOIL WATER & ENVIRONMENT	GHEBREIYESSUS Y	FS	PLSOSCI	117	FISHER HALL (SU)	BR	LA	70813	225 771-2262
4	SOIL WATER & ENVIRONMENT	QI Y	FS	URBFOR	112	HEAD HOUSE (SU)	BR	LA	70813	225 771-6290
4	SOIL WATER & ENVIRONMENT	ABDOLLAHI K	FS	URBFOR	115-A	HEADHOUSE (SU)	BR	LA	70813	225 771-6291
5	SOCIAL & ECONOMIC STABIL	DESERAN F A	LDR	RURSOC	24A	STUBBS	BR	LA	70803	225 388-1113
5	SOCIAL & ECONOMIC STABIL	TOLBERT C M	AA	RURSOC	126	STUBBS	BR	LA	70803	225 388-1645
5	SOCIAL & ECONOMIC STABIL	TOOTLE D M	ER	EXT	202D	KNAPP	BR	LA	70803	225 388-2367
5	SOCIAL & ECONOMIC STABIL	REICHEL C H	ER	EXT	282	KNAPP	BR	LA	70803	225 388-6701
5	SOCIAL & ECONOMIC STABIL	LAWRENCE F C	FS	HUMECO	329	HUMAN ECOLOGY	BR	LA	70803	225 388-1726
5	SOCIAL & ECONOMIC STABIL	OHLENDORF G W	FS	RURSOC	18	STUBBS	BR	LA	70803	225 388-1115
5	SOCIAL & ECONOMIC STABIL	VANDEVEER L R	FS	AGECON	225	AG ADMIN BLDG	BR	LA	70803	225 388-2754
5	SOCIAL & ECONOMIC STABIL	SINGELMANN J	FS	RURSOC	126	STUBBS	BR	LA	70803	225 388-1645

GOAL	COMMODITY	MEMBER	POSN	DEPT	RM	ADDRESS	CITY	ST	ZIP	PHONE
5	SOCIAL & ECONOMIC STABIL	GARRISON M E	FS	HUMECO		HUMAN ECOLOGY	BR	LA	70803	225 388-2284
5	SOCIAL & ECONOMIC STABIL	DRAUGHN P S	FS	HUMECO	336	HUMAN ECOLOGY	BR	LA	70803	225 388-2709
5	SOCIAL & ECONOMIC STABIL	ZAPATA H O	FS	RURSOC	234	AG ADMIN BLDG	BR	LA	70803	225 388-2766
5	SOCIAL & ECONOMIC STABIL	HUGHES D W	FS	RURSOC	181	AG ADMIN BLDG	BR	LA	70803	225 388-2721
5	SOCIAL & ECONOMIC STABIL	MONROE P A	FS	HUMECO	328	HUMAN ECOLOGY	BR	LA	70803	225 388-1731
5	SOCIAL & ECONOMIC STABIL	WASIKE G	FS	FACOSCI	204	P.E. THRIFT HALL (SU)	BR	LA	70803	225 771-2509
5	SOCIAL & ECONOMIC STABIL	LORENZO A	FS	URBFOR	107	HEAD HOUSE (SU)	BR	LA	70813	225 771-6285
6	CONSUMER NUTRITION HEAL	KEENAN M J	LDR	HUMECO	232A	HUMAN ECOLOGY	BR	LA	70803	225 388-1708
6	CONSUMER NUTRITION HEAL	HEGSTED M	AA	HUMECO	139	HUMAN ECOLOGY	BR	LA	70803	225 388-1518
6	CONSUMER NUTRITION HEAL	PATRICK R M	ER	EXT	293	KNAPP	BR	LA	70803	225 388-1425
6	CONSUMER NUTRITION HEAL	MEEK C L	FS	ENTOM	574	LIFE SCIENCE	BR	LA	70803	225 388-1835
6	CONSUMER NUTRITION HEAL	MCGREGOR J U	FS	DAIRY	115	DAIRY SCIENCE	BR	LA	70803	225 388-4380
6	CONSUMER NUTRITION HEAL	SISTLER F E	FS	BAE	175	E B DORAN	BR	LA	70803	225 388-1057
6	CONSUMER NUTRITION HEAL	HARRISON R W	FS	AGECON	101	AG ADMIN BLDG	BR	LA	70803	225 388-3282
6	CONSUMER NUTRITION HEAL	MCGEE B	FS	FACOSCI	208	P.E. THRIFT HALL (SU)	BR	LA	70803	225 771-4660
6	CONSUMER NUTRITION HEAL	MEYINSSE P	FS	AGECON	113	FISHER HALL (SU)	BR	LA	70803	225 771-5124
6	CONSUMER NUTRITION HEAL	SCHUPP A R	FS	AGECON	101	AG ADMINISTRATION	BR	LA	70803	225 388-3282
6	CONSUMER NUTRITION HEAL	ONEIL C	FS	HUMECO	125	HUMAN ECOLOGY	BR	LA	70803	225 388-2281

**USDA-CSREES PLAN OF WORK  
for the  
LOUISIANA STATE UNIVERSITY AGRICULTURAL CENTER  
2000-2004**

**Appendix IV**

**LAES Multi-State Research Project Participation**

## REGIONAL PROJECTS

05/26/99

PROJECT NUMBER	LAES NUMBER	PROJECT TITLE	TERMINATION DATE	COOPERATORS
NC-107	2917	BOVINE RESPIRATORY DISEASE: RISK FACTORS, PATHOGENS, DIAGNOSIS, AND MANAGEMENT	09/01	CA, IL, IN, IA, KS, LA, MI, MN, MS, MO, NE, ND, OH, OK,
NC-167	2676	HEALTH MAINTENANCE ASPECTS OF DIETARY RECOMMENDATIONS DESIGNED TO MODIFY LIPID METABOLISM	09/02	CA, CO, IN, IA, KS, LA, MI, MN, NE, OH, OR, TX, WI
NC-208	2950	IMPACT ANALYSES AND DECISION STRATEGIES FOR AGRICULTURAL RESEARCH	09/01	AL, CA, FL, GA-ATHENS, ID, IA, LA, MI, MN, MO, MT, NE, NJ, NYC, TX, VA, WI, ERS/USDA
NC-217	3289	THE ROLE OF HOUSING IN RURAL COMMUNITY VITALITY	09/99	U OF AL, ID, IN, IA, KS, LA, MN, NE, NYC, ILSTATEU, WESTMIU, MOX, UDAYTON, ECAROU, UT
NC-223	3366	RURAL LOW-INCOME FAMILIES: MONITORING THEIR WELL-BEING & FUNCTIONING IN CONTEXT OF WELFARE REFORM	09/03	CA, CO, ID, IN, KY, LA, MA, MI, MN, MO, NE, NH, OH, OR, UT, WY
NC-224	3376	COMPETITIVENESS AND VALUE-ADDED IN THE U.S. GRAIN AND OILSEED INDUSTRY	09/03	AR, GA, IL, IA, KS, LA, MN, MS, NE, ND, OH, OK, OR, USDAVERS, USDA/ACS
NE-112	1903	MASTITIS RESISTANCE TO ENHANCE DAIRY FOOD SAFETY	09/02	CA, CTS, IL, IN, IA, KY, LA, MI, NYC, OH, PA, TN, VT, VA, WA, USDA/ARS
NE-165	3244	PRIVATE STRATEGIES, PUBLIC POLICIES, AND FOOD SYSTEM PERFORMANCE	09/01	AR, CA, CTS, FL, GA, IL, IN, IA, KS, L MD, MA, MI, MN, MT, NE, NH, NJ, NYC, NC, OH, RI, TX, VA, WI, USDA ERS, USDA/RBS, USDA/AMS, USDA/PSA, CDCP, FDA, GAO

PROJECT NUMBER	LAES NUMBER	PROJECT TITLE	TERMINATION DATE	COOPERATORS
NE-185	3284	COMMODITIES, CONSUMERS, AND COMMUNITIES: LOCAL FOOD SYSTEMS IN A GLOBALIZING ENVIRONMENT	09/02	CA, IA, KS, LA, ME, MI, MN, MO, NJ, NYC, NC, PA, PR, TX, WA, WV, WI, WALLACE INST. FOR ALTERNATIVE AGR.
NE-186	3332	GENETIC MAPS OF AQUACULTURE SPECIES	09/02	CT, ME, NH, NJ, AL, LA, VA, CA, WA, ARS; NONSAES: DE, HI, LA, MA, MS, MO, NC, PA, RI, VA, TX, WI, SCOTLAND, ENGLAND, JAPAN
NRSP3	2963	THE NATIONAL ATMOSPHERIC DEPOSITION PROGRAM (NAPD)	09/02	R.E. WARNER (IL), L.E. SOMMERS (CO), W.H. BROWN (LA), B. WIERSMA (ME)
NRSP8	3129	NRSP-8 NATIONAL ANIMAL GENOME RESEARCH PROGRAM (NAGRP)	09/03	C.G. SCANES (IA), G. MOBERG (CA), J. CHERRY (GA), J.A. STEWART (NH), NE
S-009	1965	PLANT GENETIC RESOURCES CONSERVATION AND UTILIZATION	09/03	AL, AR, FL, GA, HI, KY, LA, MS, NC, OK, PR, SC, TN, TX, VA
S-065	1608	REGIONAL RESEARCH COORDINATION SOUTHERN REGION	01/99	AL, AR, FL, GA, KY, LA, MS, NC, OK, PR, SC, VI
S-183	2791	PHENOLOGY POPULATION DYNAMICS AND INTERFERENCE: A BASIS FOR UNDERSTANDING WEED BIOLOGY AND TECHNOLOGY	09/00	AL, AR, USDA-ARS, FL, GA, KY, LA, MS, NV, NC, OK, SC, TX
S-222	2667	ECONOMIC ISSUES AFFECTING THE U.S. FRUIT AND VEGETABLE SYSTEM	09/03	AL, CA, DE, FL, GA, ID, KY, LA, ME, MI, MS, NJ, NC, OK, TN, WA, NFAPP, USDA/ERS
S-258	3188	EVALUATE COTTON GERmplasm TO IDENTIFY USEFUL CHARACTERS FOR GENETIC MAPPING	09/99	AZ, AR, CA-D, LA, NM, TX, AL A & M, USDA/ARS
S-259	3115	RURAL MARKETS IN THE GLOBAL ECONOMY	09/00	AR, GA, IA, KS, KY, LA, MD, MI, MN, MS, NYC, OH, PR, NC, SC, WI, AL, HUNTSVILLE, USDA/ERS

PROJECT NUMBER	LAES NUMBER	PROJECT TITLE	TERMINATION DATE	COOPERATORS
S-260	3119	BIOLOGY, ECOLOGY, AND MANAGEMENT OF RICELAND MOSQUITO POPULATIONS	09/99	AR, CA, IL, LA, MS, TX
S-263	3154	ENHANCING FOOD SAFETY THROUGH CONTROL OF FOODBORNE DISEASE AGENTS	09/00	AL, AR, GA, IA, KY, LA, MI, MN, MS, NE, NC, SC, TX, VA
S-264	3168	MICROIRRIGATION OF HORTICULTURAL CROPS IN HUMID REGIONS	09/00	FL, LA, NJ, NYC, NYG, PR, SC, TX, V
S-265	3166	DEVELOPMENT AND INTEGRATION OF ENTOMOPATHOGENS INTO PEST MANAGEMENT SYSTEMS	09/00	AL, AR, CA, CT, FL, GA, ID, IL, KY, L ME, MN, MS, NJ, NYC, NC, PR, SC, TN, ARS
S-267	3167	BIOLOGICAL CONTROL OF SELECTED ARTHROPO PESTS AND WEEDS	09/00	AL, AR, FL, GA, KY, LA, NC, SC, TN,
S-269	3181	BIOLOGICAL CONTROL & MANAGEMENT OF SOILBORN PLANT PATHOGENS FOR SUSTAINABLE CROP PRODUCTION	09/00	AL, AR, FL, GA, IN, KY, LA, MS, NC, SC, TN, TX
S-270	3286	UTILIZING POTASSIUM BUFFERING CAPACITY TO PREDICT COTTON YIELD RESPONSE TO POTASSIUM FERTILIZER	09/01	AL, AZ, AR, CA-D, FL, GA, LA, MS, N NC, TN, TX, VA
S-272	3233	DEVELOPMENT OF TEXTILE MATERIALS FOR ENVIRONMENTAL COMPATIBILITY AND HUMAN HEALTH AND SAFETY	09/01	AL, AR, GA, IN, KS, KY, LA, MS, NE, TN, WI, ARX, LAX, FL STATE U
S-273	3258	DEVELOPMENT AND APPLICATION OF COMPREHENSIVE AGRICULTURAL ECOSYSTEM MODELS	09/01	AL, FL, GA, IL, IA, KY, LA, MD, MN, NCSU, OH, OK, TN, TX, VA, NCX, USDA-ARS
S-274	3259	INTEGRATED MANAGEMENT OF ARTHROPOD PESTS OF LIVESTOCK AND POULTRY	09/01	AL, AR, FL, GA, IA, IN, KS, KY, LA, M MO, NE, NH, NM, ND, NYC, OK, PA, TN, TX, WY, USDA-ARS, FLX, CANADA

PROJECT NUMBER	LAES NUMBER	PROJECT TITLE	TERMINATION DATE	COOPERATORS
S-275	3270	ANIMAL MANURE AND WASTE UTILIZATION TREATMENT AND NUISANCE AVOIDANCE FOR A SUSTAINABLE AGRICULTURE	09/01	AL, CA, FL, GA, HI, IL, IN, IA, KY, LA, MN, MI, NC, OR, SC, TN, TX, VA, WI, USDA-ARS
S-276	3267	RURAL RESTRUCTURING: CAUSES AND CONSEQUENCES OF GLOBALIZED AGRICULTURAL AND NATURAL RESOURCE SYSTEMS	09/01	AL, IA, KY, LA, MI, NC, OH, PR, SC, TX, GAX, NCX
S-277	3298	BREEDING TO OPTIMIZE MATERNAL PERFORMANCE AND REPRODUCTION OF BEEF COWS IN THE SOUTHERN REGION	09/02	AR, FL, GA, KY, LA, MS, OK, SC, TX, USDA-ARS, TX TECH
S-278	3300	FOOD DEMAND, NUTRITION AND CONSUMER BEHAVIOR	09/02	CA, FL, GA, IL, IN, IA, KS, LA, ME, M NJ, NYC, NC, OH, OR, SC, TN, TX, VA, WA, WI, U OF NC, USDA/ARS, USDA/CNPP, USDA/ERS, USDA/FCS US/BLS
S-280	3314	MINERALOGICAL CONTROLS ON COLLOID DISPERSION AND SOLID-PHASE SPECIATION OF SOIL CONTAMINANTS	09/02	AL, FL, GA, KY, LA, MS, NC, OK, PR, SC, TN, TX, VA, USDA/NSSL, DOE
S-281	3319	DYNAMIC SOYBEAN INSECT MANAGEMENT FOR EMERGING AGRICULTURAL TECHNOLOGIES AND VARIABLE ENVIRONMENTS	09/02	AR, FL, GA, IL, IN, IA, KY, LA, MS, NE OH, SC, TN, TX, VA
S-282	3320	MANAGING PLANT-PARASITIC NEMATODES IN SUSTAINABLE AGRICULTURE WITH EMPHASIS ON CROP RESISTANCE	09/02	AR, FL, GA, KY, LA, MN, MS, NC, SC, TN, TX, VA, USDA/ARS
S-283	3338	DEVELOP AND ASSESS PRECISION FARMING TECHNOLOGY AND IT'S ECONOMIC AND ENVIRONMENTAL IMPACT	09/02	AL, ALX, CA, GA, KY, LA, MS, MO, N OK, SC, TN, TX, USDA/ARS, DOE
S-284	3337	GENETIC ENHANCEMENT OF HEALTH AND SURVIVAL FOR DAIRY CATTLE	09/02	IL, IN, IA, LA, MN, NE, NYC, NC, PA, VA, WI, AIPL, U OF GUELPH
S-286	3360	HERBICIDE PERSISTENCE IN SOUTHERN SOILS:	09/01	AR, FL, GA, KY, LA, MS, NC, OK, TN,

PROJECT NUMBER	LAES NUMBER	PROJECT TITLE	TERMINATION DATE	COOPERATORS
		BIOAVAILABLE CONCENTRATION AND EFFECT ON SENSITIVE ROTATION	TX	
S-287	3361	IMPACTS OF TRADE AGREEMENTS AND ECONOMIC POLICIES ON SOUTHERN AGRICULTURE	09/03	AL, AR, FL, GA, KY, LA, MS, NC (A&T ND, OK, TX, WV
S-288	3375	NUTRITIONAL SYSTEMS FOR SWINE TO INCREASE REPRODUCTIVE EFFICIENCY	09/03	AL, AR, FL, GA, KY, LA, MS, MO, NC, OK, SC, TN, TX, VA
W-102	2727	INTEGRATED METHODS OF PARASITE CONTROL FOR IMPROVED LIVESTOCK PRODUCTION	09/99	ARS, AZ, CA, FL, IA, KS, LA, MN, MO MT, UT, VA, WA
W-168	2723	SEED BIOLOGY AND TECHNOLOGY INVESTIGATIONS	09/03	USDA/ARS, USDA/FS, AZ, CA, CO, FL, IA, IN, ID, KS, KY, LA, NYG, NYC, NC, OH, OR, VA, WA
W-171	2780	GERM CELL AND EMBRYO DEVELOPMENT AND MANIPULATION FOR IMPROVEMENT OF LIVESTOCK	09/99	AR, CA, CO, IA, IL, LA, OR, UT, WA