

Appointment: 100% Extension

Requested Action: Promotion to the Rank of Associate Agent

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Located in the northeastern corner of Louisiana, East Carroll Parish is the first parish you will visit when entering the state from Arkansas. East Carroll Parish is best known for its beautiful seven-mile, cypress tree-lined, oxbow lake that gives the town of Lake Providence its name.

The town itself is the third oldest city in Louisiana, having been part of the Ouachita country that defined the area between the Red and Mississippi rivers and north to the Missouri River with Madison Parish as the southern border. In 1832, the area was named Carroll Parish in honor of Charles Carroll, a statesman and signer of the Declaration of Independence. In 1877, Carroll Parish was divided into East and West Carroll parishes with Bayou Macon serving as the dividing line.

Located in the fertile, southern Mississippi Valley Delta, about 74% of the land in East Carroll Parish is dedicated to agriculture. The agriculture industry ranges from aquaculture and forestry to row crops.

The parish is 421 square miles in area, with 118 square miles covered by water and 303 square miles by land. The parish seat, Lake Providence, has a population of 5,104; total parish population is 8,997.

DOCUMENTATION OF MAJOR PROGRAM AREAS AND INTIATIVES

Donna R. Lee has three years experience in education, promotion, professional development, strategic planning, leadership, management and evaluation with the LSU AgCenter Cooperative Extension Service at the East Carroll Parish Office. Donna began her career as an assistant county agent in June 2003. Prior to this appointment she was employed as a research associate in the cotton and soybean weed science program at the Northeast Research Station under the tutelage of Dr. Donnie Miller for a period of four years. Donna was mentored by Mr. Mike Rome, county agent, Madison Parish and Ms. Carol Pinnell-Alison, county agent, Franklin Parish during her first year of employment. Since that time she has taken full responsibility for her program including but not limited to planning, executing, evaluating and revising as needed in order to improve the program from an educational standpoint. There has also been a noticeable increase in the participation and interest of parish producers in the Agriculture and Natural Resource (ANR) Program offered through the East Carroll Parish Extension Office.

Since her service began in East Carroll Parish, Donna has successfully incorporated into the ANR program an electronic email news system with subscription numbers increasing approximately 160% since inception in 2003. This alternate method of delivering educational materials and information to area producers has allowed Donna to reach producers who do not subscribe to the more traditional mail-out newsletters. In addition to East Carroll Parish producers participating, producers from other parishes and other states are included as subscribers.

Each year Ms. Lee offers producers the opportunity to participate in the LSU AgCenter Research Demonstration Trials. By working with the appropriate Louisiana Cooperative Extension Service specialist(s) and Louisiana Agricultural Experiment Station researcher(s) she has completed 15 demonstration trials for the 2004 and 2005 growing seasons with 11 trials currently in progress for the 2006 growing season. The success of this program can be realized in the waiting list of producers wishing to participate in these demonstrations in coming years.

Along with Glenn Dixon, Southern University Associate Area Agent, Ms. Lee has offered on two occasions a Private Pesticide Applicator Workshop which teaches producers and homeowners the basics in pesticide safety, proper handling of pesticides, proper decontamination and calibration, and legal issues associated with proper use of pesticides. The workshop enabled approximately 44 parish producers and residents to understand the ramifications and responsibility of using pesticides, to do so safely and also allow them to acquire a Private Pesticide Applicator license. This series of workshops currently has a 97% pass rate.

In addition to teaching the aforementioned workshops, Ms. Lee along with co-workers, Mr. Glenn Dixon and Mr. Mike Rome, continually offer producers the opportunity to recertify Private Pesticide Applicator cards on an annual basis with approximately 172 recertifications between 2004 and 2006. In addition to these trainings, Worker Protection Standards have been taught to approximately 112 area farm laborers within the same time period.

Realizing the potential and successfulness of mini-workshops, Ms. Lee has incorporated this mean of information dissemination into her ANR program as a regular feature. Through a three year period, she has arranged seven mini-workshops for parish producers and homeowners with approximately 69 producers and three homeowners increasing their knowledge base on the latest agricultural topics and fruit and vegetable production.

Through the more traditional production meeting, Ms. Lee over the past three years has made available to approximately 266 area producers the latest LSU AgCenter recommendations ranging from variety selection, Best Management Practices, pesticide use and efficacy, environmental issues and changes in federal regulations.

Assisting parish 4-Hers in their livestock projects, Ms. Lee has provided show information from the various show circuits along with assisting 4-Hers in getting entries in to the proper show offices. She has set up home visits and coordinated appointments with specialized agents such as Mr. Mike Rome in order to prepare 4-Hers for the upcoming shows and to increase their

knowledge of their animals to expand their ability to show the animal and has assisted 4-H families in the selection and development of their projects. Ms. Lee has shown a willingness to assist with the district livestock show and horse show responsibilities as needed. She has done an admirable job in keeping the 4-H livestock families informed of programs they may want to participate using home visits, email, letters and the local media.

As part of the LSU AgCenter's effort to educate the public on row crop agriculture, agents in the Northeast Region showcase agriculture through Ag Alley which is the educational portion of Ag Expo held in Monroe, Louisiana each January. In 2004 and 2005, Ms. Lee, with other members of the Cotton Committee, taught over 1500 students the important role cotton plays in their lives and instructed these 4th graders on proper production practices.

In 2006, Ms. Lee chaired the Rice Alley committee for Ag Expo. This committee was able to educate approximately 938 4th graders on the production practices of rice in Louisiana. Other topics taught were the history of rice, crop rotations, milling, exportation, and nutritional value of rice.

The success of the Louisiana Master Gardener program inspired Ms. Lee and fellow county agents, Mr. Mike Rome, Madison Parish and Mr. Myrl Sistrunk, West Carroll Parish, to initiate the Delta Master Gardener Club, a Tri-Parish Master Gardener Program for East Carroll, West Carroll and Madison Parishes. To date, over 25 participants have successfully completed the program and earned the designation Louisiana Master Gardener.

Ms. Lee is currently a member of the highly successful Delta Highway 65 Tourism committee. The proposal for this project came from a resident of East Carroll Parish, Sister Karen Flaherty, whose vision was to highlight the Louisiana Delta along Federal Highway 65 as a tourist attraction. Currently the committee seats members from Concordia, Tensas, Madison, East Carroll and West Carroll parishes. Police Juries from each of the aforementioned parishes have pledged monetary support of the project which has enabled the committee to begin development of a website to promote tourism in the parishes which will lead to economic growth.

EDUCATIONAL PROGRAMMING 2005-2006

Ms. Lee is currently involved in programming that will have an impact in 2007. Requested by parish producers, Ms. Lee initiated a Research Demonstration Tour of the agricultural demonstrations being conducted within East Carroll Parish. The purpose is to give ag producers first hand knowledge of new production concepts being researched by LSU AgCenter scientists, production techniques and recommendations from LSU AgCenter. This tour featured guest speakers, Dr. David Lanclos, LSU AgCenter Soybean and Feed Grain Specialist; Dr. Sandy Stewart, LSU AgCenter Cotton Specialist; Dr. Ralph Bagwell, LSU AgCenter Cotton Entomologist; Mr. Gene Burris, LSU AgCenter Entomologist; and Ms. Lee. Specific topics included variety

recommendations, current pest issues, weed control measures and efficacy of insecticide use on tarnished plant bugs. Ms. Lee spoke on using proper techniques and equipment selection for pest control. With an attendance of over 50, Ms. Lee feels this teaching opportunity was a complete success and will be continued in the future.

One of the newest tools available to producers is the use of NDVI (normalized difference vegetation index). A simplistic definition of NDVI is that it provides a crude estimate of vegetation health and is a means of monitoring changes in vegetation over time through the use of satellite imagery. Ms. Lee working with Dr. Ralph Bagwell, LSU AgCenter Cotton Entomologist and Dr. Roger Leonard, LSU AgCenter Entomologist, conducted a workshop designed to increase the knowledge of area producers concerning this new technology. Approximately 15 parish residents were in attendance.

In an effort to improve the showmanship skills of area 4-Hers participating in the 4-H Livestock Program, Ms. Lee, and Extension 4-H Agent Melissa Ogg, Franklin Parish, conducted a Showmanship Clinic for area 4-Hers. Approximately 35 youth and parents participated in the showmanship clinic from about seven parishes in the northeast region. Multiple 4-H agents, agriculture agents, state specialists, and parents worked together to increase the knowledge of the clinic participants concerning many aspects of the 4-H livestock project. Participation in livestock projects is expected to increase throughout the northeast region due to increased awareness of the benefits of the project and the knowledge gained from the clinic. Due to the success of this clinic plans are to make it an annual event.

With skills learned through the 4-H Livestock Project, one East Carroll Parish 4-Her successfully showed his goats at the State Fair in Shreveport. He was also a participant of the Showmanship Clinic held a few weeks before State Fair. This same 4-Her has shown a tremendous amount of leadership skills by introducing 50 4-Hers to the Goat Livestock Project during the Northeast Louisiana District Livestock Show.

The Spring round of Livestock Shows saw three East Carroll Parish youth participating and using the knowledge they have gained through their respective 4-H Livestock Projects on animal husbandry to effectively care for and show their animals.

Since the establishment of the Hwy 65 Tourism Corridor, Ms. Lee has continued to offer leadership to this group whose main goal is to bring tourism to the Louisiana Delta. Currently she has taken the lead on the website committee in order to facilitate the development of this project.

Since its inception, 17 parish producers have completed Phase I of the Master Farmer Program with 1 of 2 model farms for the Ouachita Watershed being located in East Carroll Parish on the farm of Brian Howard. The Master Farmer Program is designed to help the producers of the state of Louisiana become better stewards of the land by addressing environmental issues today before they become problems thereby insuring the continuation of production

agriculture. Ms. Lee, working with Mr. Myrl Sistrunk, County Agent, West Carroll Parish, has organized two Phase I Classes for producers in both parishes.

The 2006 Ag Expo held in Monroe, Louisiana, was again a success with approximately 938 youth learning the importance of agriculture to Louisiana. The Rice Alley, whose committee was chaired by Ms. Lee, was a huge success from the standpoint of the students who toured the alley. Of particular interest to the students was the milling process which was demonstrated by Dr. Johnny Saichuk, LSU AgCenter Rice Specialist and Mr. Jeremy Hebert, LSU AgCenter research associate, using a rice sheller and mill on loan from the Rice Research Station. The scaled down rice paddies with seedling rice and crawfish were a favorite and taught the students the importance of water quality and rotational crops. Other areas of the alley focused on production practices, nutrition, and export. This committee consisted of the North Louisiana Rice Growers Association, USA Rice Federation and faculty of the LSU AgCenter.

Approximately 150 cotton producers attending the Louisiana Cotton Forum held in Delhi, Louisiana, were informed of current issues in cotton production for the 2006 growing season. Ms. Lee's presentation "Principles of Weed Resistance Management" covered issues of importance concerning glyphosate tolerant weeds spreading throughout the agricultural regions and the importance of understanding the causes and prevention of resistant weeds.

The 50 East Carroll Parish producers attending the yearly Private Pesticide Applicator Recertification taught by Ms. Lee learned the proper measures to take in order to reduce spray drift, how to properly calibrate equipment, pesticide regulations and laws, and proper personal protective equipment usage. With the environment being an issue which will only increase in importance over time it is imperative the producers are given the knowledge to protect their crops and the environment in order to reduce the negative impact the careless use of pesticides can have.

Parish on farm research demonstrations were initiated as a means of instructing producers the importance of proper variety selection, proper production techniques, new trends in agricultural research, and new management tools. The demonstrations include three types of Corn Borer Trials, one Maturity Group III Soybean Variety Trial, two Maturity Group IV Soybean Variety Trials, one Roundup Ready Corn Variety Trial, one Conventional Roundup Ready Corn Trial, one Conventional Cotton Variety Trial, one Roundup Ready Flex Cotton Variety Trial, one Cruiser Seed Treatment Soybean Trial, and one Rice Verification Demonstration. Several of these trials were showcased during the Research Demonstration Tour which allowed the attendees, 50 plus producers and industry representatives, the opportunity to appraise these demonstrations in order to implement these techniques and varieties on their respective farms.

EDUCATIONAL PROGRAMMING 2004-2005

Over 20 East Carroll Parish producers participated in a Soybean Fungicide Workshop organized by Ms. Lee. The guest speaker for the event was Dr. Boyd Padgett, LSU Plant Pathologist. The purpose of the workshop was to give local producers insight into the need for and timing of fungicides to be applied to soybean so that they may make application decisions based on research based fact. Dr. Padgett offered tips on choosing the correct fungicide for the job and efficacy of various fungicides. Ms. Lee gave a presentation on the importance of choosing the correct tip to be used with each type of pesticide, the correct water usage or GPA (gallons per acre) when applying pesticides, how to increase or decrease droplet size and the importance of correct spray boom height. Dr. Padgett also informed the producers of the future threat of Asian Soybean Rust and a brief history of the disease along with a synopsis of the environment which would be needed for the pathogen to become established in Louisiana.

Each year an increasing number of producers have difficulty understanding pesticide application issues and with this in mind Ms. Lee and co-worker Mr. Glenn Dixon periodically offer a class instructing producers on the correct way to purchase, transport, mix, apply and dispose of pesticides and the proper personal protective equipment to use, through a series of lectures. In 2004 approximately 32 private pesticide applicators attended a workshop to improve their knowledge on pesticide application. The Private Pesticide Applicator certification was given immediately following the workshop. A pass rate of 100% was achieved by those taking the test.

Preliminary work began planning a multi parish Master Gardener Program for East Carroll, West Carroll, Madison, Tensas, Richland and Franklin Parishes. The 40-hour program is designed to recruit and train volunteers to help meet the educational needs of home gardeners while providing an enjoyable and worthwhile service experience for volunteers. Unfortunately a single rural parish with a small population can not always garner enough participation to warrant travel expense for guest speakers. As a solution to small populations the multi parish approach was taken in order to ensure sufficient student participation for an educational and enjoyable experience.

Ms. Lee coordinated a trip for Dr. Fangneng Huang, LSU Entomologist, who wished to visit a corn field in East Carroll Parish in order to conduct a borer damage study and collect borers for the LSU Entomology Insect Nursery. Through this meeting Dr. Huang requested and received from Ms. Lee for the 2004 growing season additional help in locating a producer willing to allow Dr. Huang to conduct this research on his farm. This information will be used to study the potential resistance of borers to *Bacillus thuringensis*.

Soybean, Corn and Cotton Production meetings were held in January of 2005 with approximately 35 East Carroll Parish Producers receiving LSU AgCenter recommendations on variety, fertility, agronomics, weed, disease and insect control. With the large percentage of agricultural sales representatives serving a dual role as a consultant, the need for unbiased

information has never been greater than now. By attending these meetings the 35 producers became eligible to recertify their private pesticide applicator license.

Approximately 811 4th graders from schools across north Louisiana participated in the North Louisiana Ag Expo's Ag Alley and received knowledge of the major commodities grown in north Louisiana. Ms. Lee served on the Cotton Alley committee which showcased the effect cotton has on our daily lives. These 4th graders were able to learn the major pests associated with cotton, production practices, and products made from cotton or cotton seed oil.

The safety of agricultural laborers is of the utmost importance to both the laborer and the producer. Ms. Lee and Mr. Glenn Dixon offer classes yearly which teach agricultural laborers how to protect themselves while transporting, mixing and applying pesticides through the use of personal protective equipment. Laborers are also taught the importance of understanding the label of each pesticide used and how to apply it correctly in order to avoid mishaps with the pesticides. In 2005, approximately 22 parish agricultural workers received training in Worker Protection Standards covering all safety issues related to handling pesticides.

Cotton Variety, Corn Variety, and Soybean Variety trials were initiated with the cooperators receiving seed for these demonstrations. These three parish producers received first hand knowledge concerning these varieties including growth habit, growth requirements and yield data. These demonstrations are available to all parish producers to increase their knowledge of the different varieties recommended by LSU AgCenter along with an idea of how these varieties will respond within their respective geographical location.

Soybean and Rice Verification Fields were initiated by Ms. Lee for the 2004 growing season. The purpose of these verification fields is to demonstrate or verify to producers that LSU AgCenter recommendations are viable and efficient from both an economic and environmental stance and will increase parish producer's knowledge of Best Management Practices advocated by LSU AgCenter. Weekly visits from the respective specialist occurred throughout the growing season with Ms. Lee participating as frequently as possible viewing these visits as agent training as well as producer training.

EDUCATIONAL PROGRAMMING 2003-2004

Ms. Lee was involved with the 2004 Northeast Louisiana Ag Expo by serving on the Cotton Alley committee along with fellow LSU AgCenter employees. The 2004 Cotton Alley taught the approximately 800 students who participated in Ag Alley the role cotton plays in their lives. Along with the obvious, clothing, other products produced from cotton or cotton seed oil was highlighted. Production practices were taught, current pests were showcased including disease, weeds and insects and a history of the mechanization of cotton was introduced to the students.

The East Carroll Parish Cotton and Corn Production meeting and the East Carroll Parish Rice and Soybean Production meeting were coordinated by Ms. Lee with guest speakers including the

specialist associated with each commodity. 87 producers attended the two meetings and were taught the importance of knowing their soil type, fertility needs and programs, and varieties. Producers were also allowed to recertify their Private Pesticide Applicator card due to the meeting topics covering the major issues associated with the application of pesticides.

One of the more rewarding aspects of Ms. Lee's job is the training of agricultural workers on the importance of protecting themselves when transporting, mixing and applying pesticides and the clean up afterwards including the simple but oftentimes forgotten clean up of clothing worn by the worker. In 2004, approximately 90 workers were trained through the Worker Protection Standard program in East Carroll Parish by Ms. Lee and co worker Glenn Dixon. Emphasized to the workers was the ultimate responsibility the workers themselves must take concerning their personal safety when working with pesticides.

Ms. Lee organized and in conjunction with Mr. Glenn Dixon taught a private pesticide applicator workshop which teaches producers the importance of understanding pesticides from the time purchased until applied including their responsibility to the environment and all employees who will come into contact with the pesticides either directly or indirectly. Other topics covered include calibration of equipment, pesticide laws and regulations, drift control which includes understanding weather patterns that increase the likelihood of drift occurring, and understanding all parts of the label. With a pass rate of roughly 99 % for parish producers who take the private pesticide applicator test immediately following the training, Ms. Lee feels this program should be continued in the future. Approximately 14 producers participated in this workshop.

Working with Dr. Jack Baldwin, LSU AgCenter Entomologist, Ms. Lee coordinated the installation of Southwestern Corn Borer (SWCB) and European Corn Borer (ECB) traps on two locations within the parish to monitor the influx of moths that could present serious consequences for corn producers if the moth counts become too high. The data collected from these traps is available to all producers in the parish however Ms. Lee provides this data on a weekly basis to producers who take advantage of the email newsletters.

By working closely with Dr. Johnny Saichuk, LSU AgCenter Rice Specialist and Dr. David Lanclos, LSU AgCenter Soybean and Feed Grain Specialist, both Rice and Soybean Verification fields were initiated in the parish. These Verification fields provide to area producers first-hand experience and knowledge of LSU AgCenter's Best Management Practices (BMPs) for these crops.

Initiated Corn Variety, Cotton Variety. and Soybean Variety Trials to give parish producers a chance to see the recommended varieties in a field situation so they can learn the growth habits and agronomic needs of these varieties within their parish. Locations of these trials are made public so that producers may tour these fields at their convenience.

Working with Dr. Steve Kelly, LSU AgCenter Cotton Weed Scientist, a Liberty Link Cotton Trial was put into place to demonstrate and instruct parish producers on the proper use and benefits

of this new herbicide system for cotton and where it will fit into their weed control program. Data from this and all trials conducted within the parish was published on the website or via email.

Repeated questions on when to spray for borers in corn prompted Ms. Lee to arrange a small workshop teaching producers to recognize borer damage in corn and how to coordinate this information with moth collection data in order to make educated spray timings for borers. Dr. Jack Baldwin, LSU AgCenter Entomologist, was on hand as the guest speaker to share his knowledge and experience. From an environmental standpoint, this workshop taught the two producers participating how to reduce the number of pesticide sprays by using information and knowledge gained from the workshop.

Ms. Lee met with Dr. Boris Castro, LSU AgCenter Entomologist, and one area rice producer for instructions on scouting rice fields for the rice water weevil, which can cause significant damage to the rice plant thereby reducing yield. This mini-workshop, provided to the producer the knowledge needed to scout his rice fields in order to make a determination on the presence of rice water weevils and actions to take once determined the weevils exist in his rice field. This new found knowledge will enable the producer to possibly reduce the total pesticide applications in his field simply by being cognizant of the life cycle of the rice water weevil.

Again through the use of a mini-workshop, Ms. Lee coordinated with Dr. Bill Williams, LSU AgCenter Rice Weed Scientist, and three area rice producers for training on the use of the rice herbicide Regiment as a tool to improve weed control on their respective farms. Dr. Williams covered the basics involved in ascertaining the need for a pesticide, how to properly select the pesticide needed and correct application procedures. The producers attending were able to use this information to revise their current weed control programs in order to reduce the amount of applications needed or reduce the cost associated with pesticides by choosing the correct pesticide for the job.

ADVISORY PROCESS AND CRITICAL ISSUE RESPONSIVENESS

One of the responsibilities Ms. Lee administers in her Agriculture and Natural Resource Program (ANR) has been to coordinate and chair the ANR Advisory Committee which meets two or more times a year to discuss and identify vital issues that are directly related to the sustainability of agriculture within East Carroll Parish. This year saw the introduction of the most recent protocol on instituting an advisory committee at the parish level. This year's committee is a new committee with rotations being set for the first time and encompasses a wide range of participants including local USDA representatives, parish police jury members, crop insurance representatives, crop consultants, gin owners, producers and LSU AgCenter Specialists. Currently there are 18 members who were on hand to discuss the issues felt to be the most important to their remaining competitive in the upcoming year.

The issues discussed and outcomes are as follows:

- Demonstration/Verification field day tour was requested for the first or second week of July. (The Demonstration Field Tour was held July 7, 2006 with approximately 50+ producers and ag industry representatives participating.)
- The potential problems associated with dial up internet can be an issue for producers receiving LSU AgCenter Recommendations via email. The solution is to offer producers the opportunity to choose between electronic distribution and US Postal delivery. (This policy has been instituted).
- Marketing meetings were requested to teach producers all aspects of marketing so that they may increase the profit margin of selling their respective crops. Mr. Glenn Dixon volunteered to facilitate this task.
- Research for non irrigated farm land to increase yields. Research is needed for twin row planting in non irrigated situations. (This year was the first for a non-irrigated soybean variety trial within the parish. Plans are being developed to possibly include a twin row demonstration for the 2007 growing season).
- An appendix of rainfall (daily or otherwise) should be placed in the variety recommendation publications particularly for the non irrigated sites. (This request will be passed on to all ACE Committees for the respective crops at the appropriate meetings).
- A brief description of 4-H livestock projects was covered. Ms. Lee informed the group East Carroll Parish has three 4-Hers showing livestock with the potential to increase to five for the 2006-2007 show circuit.
- FSA (Farm Service Agency) hopes we will continue borrowers' financial training and include any type of financial record keeping. (This information has been passed on to the appropriate persons and has been held for 2006).
- The Master Farmer program is a proactive approach to potential environmental legislation coming in the future which could adversely affect producers. Every producer should make sure someone on their farm is certified as a Master Farmer and understands the need to become proactive toward environmental issues. The producers felt the Master Farmer Program needs to increase publicity of upcoming meetings. (This information will be passed on to the appropriate persons.)
- Research is needed on adding moisture back into cotton as it goes through the ginning process. Ms. Lee informed the group USDA-ARS is currently conducting research to

add moisture back into cotton and this information will be made available to area gins as it becomes available to Ms. Lee.

- The names of the committee members who are present at the meeting will be posted on the parish Web page. If you do not want your name and/or address publicized, please let us know.
- Starting out, two Ag advisory meetings will be held a year; however, we can hold more than two if the members wish to do so. Accomplishments from the suggestions made tonight will be discussed at the next meeting.

A second meeting was held in order to plan the Research Demonstration Field Tour with approximately five producers attending along with Ms. Lee. This group determined the demonstrations to showcase and time to begin.

Ms. Lee planned the 2005 ANR Advisory Committee Meeting for the month of December at which time she learned the process was evolving with new guidelines being initiated within the coming months. At that time she felt it would be beneficial to hold the ANR Advisory Committee meeting after the new guidelines were published and held the meeting in March of 2006.

During the 2004 year, an ANR Advisory Committee Meeting was held with Ms. Lee acting as chairman of this committee and coordinating the meeting. However, Ms. Lee was unable to attend the meeting; but Dr. Steve Kelly, LSU AgCenter Cotton Weed Scientist was able to fill the position of chair and conduct the meeting. Eight producers and industry representatives were on hand to offer their support and input for the future direction of the ANR program in East Carroll Parish.

- Publish data on the tests going on in the parish. (This has been accomplished first via email and secondly through posting on the Parish website).
- Do a better job of marketing the programs of the AgCenter to farmers. (This has been accomplished by giving producers a synopsis of what is available to them at production meetings).
- Set winter meetings earlier in the year, preferably January. (This has been done with production meetings occurring in early January and also in February).
- Coordinate with seed companies and others to manage trap counts in parish. Have the volunteers call in trap results and distribute via email and/or fax.

- Send information to the gins for distribution. (An effort has been made to make recommendation information available to producers via email, US Postal Service and also agri distributors).
- Don't over utilize email. (Ms. Lee endeavors to only send the most relevant information to producers via email).
- Stream line emailed data. (All email going out has been streamlined by Ms. Lee).
- People in rural areas normally do not have high speed internet service and some of the pictures and other data take a long time to download. Most rural operations have dial up service. (All files are reduced in size before being sent out).
- Utilize verification fields for monthly training meeting. (Producers are made aware of the verification schedules via email prior to season or immediately following planting and are encouraged to participate).
- Make and distribute a schedule for producers to visit verification fields while the specialist is present. This will give producers a chance to ask questions during the growing season and learn more from the verification fields. (Ms. Lee currently distributes verification field trips to producers in the parish so that they may join her during this time and also may avail themselves of the specialist when in the parish.)
- Provide educational programs focusing on Timber Management, Wildlife Management and Livestock.
- The number of CRP contracts is growing in the parish. Landowners need more information about how to manage timber land for both wildlife and timber production. NRCS is limited in its ability to provide education and would like to partner with Extension to help educate landowners. (Ms. Lee has worked with producers in this area on an as needed basis.)

INNOVATIVE TEACHING METHODS, KNOWLEDGE AND APPLICATION OF NEW TECHNOLOGY (VERIFICATION PROGRAMS, METHOD AND RESULT DEMONSTRATIONS, ETC.)

Ms. Lee has exhibited a tendency to use some non traditional means of broadcasting information to parish producers. An excellent example is the use of verification programs to increase the awareness of LSU AgCenter recommendations and Best Management Practices of the five producers who participated in these programs on their respective farms during the 2004, 2005 and 2006 growing seasons. Recommendations began with variety selection and encompassed fertility, weed control, insect control, disease control and irrigation needs, until

the crops were harvested. Ms. Lee has made available to producers within the parish the location of these verification fields in season by electronic mail and through production meetings. Since 2005, the data collected from these verification fields has been published first through electronic mail followed by publication on the parish website.

The installation of corn borer traps within the parish has given Ms. Lee the opportunity to keep producers informed of the potential moth flights coming into the parish. By graphing the numbers, the producers are able to use this data along with actual field observations to make decisions as to whether to spray the crops for the pest. These traps have also afforded Ms. Lee the opportunity to hold a mini-workshop to educate producers on the proper techniques to use to find borer damage in the field.

Variety trials are a mainstay of the Agriculture and Natural Resource Program in East Carroll Parish. Ms. Lee has used these trials to educate the producers on the growth habits and agronomic needs of the respective crops. In 2006, the East Carroll Parish Field Demonstration Tour focused primarily on the seven variety trials in the parish with 50+ producers and ag industry personnel participating. In preceding years, the yield data collected from these trials has been published via electronic mail and the parish website and will continue to be published in this fashion.

Whether they are considered mini-workshops, less than 10 producers in attendance or full scale workshops with 11+ producers attending, workshops have become a viable and integral part of the Agriculture and Natural Resource Program. Ms. Lee has offered to the producers of this parish a wide array of workshops including Fungicide Workshops covering all crops grown in East Carroll Parish, Corn Borer Workshop, Rice Water Weevil Workshop, and Rice Herbicide Workshop which has given over 50 producers the ability to increase the efficiency of their respective farming regimes.

A workshop of particular interest to Ms. Lee is the North Louisiana 4-H Showmanship Clinic which she and Ms. Melissa Ogg began in 2005. Ms Ogg has since left LSU AgCenter however Ms. Lee plans to continue the clinic to help 4-Hers become better showmen of their animals which includes becoming better acquainted with their animals, improving their animal husbandry skills, leadership abilities, and raising the responsibility levels they can assume in the care of their animals.

PROGRAM DELIVERY EFFECTIVENESS DEMONSTRATED BY EVALUATION, CHANGE AND ADOPTION

The advent of the electronic form of communication has opened new avenues for educating the producers of the parish on LSU AgCenter recommendations which Ms. Lee has used to the fullest of its potential. Through ANR Advisory Committee meetings and emails Ms. Lee has received, she has been informed by the producers this is the preferred means of communication. Ms. Lee has attempted to keep all electronic communication to only the most relevant and newsworthy.

The most accurate form of evaluation of a ANR program in order to ascertain whether the producers have adopted a change advocated by a county agent is simply to ask. Ms. Lee has used this means of program evaluation from time to time within in the parish generally on a one on one type situation. Although not all producers have adopted the advocated change, some have. Another means of determining change or adoption of a new practice is Ms. Lee traveling through the parish seeing a large number of fields with volunteer crop “weeds” from the previous year or failed earlier in the year. Ms. Lee sent out an email informing producers of the most efficient way to rid the field of these “weeds” and approximately one and one half weeks later noticed the “weeds” were dead.

In 2004, the East Carroll Parish Police Jury was unable to continue the support of the Extension Office as it had done in the past. Ms. Lee, with other members of the office, was successful in passing a property tax in order to keep this office open. Producers in the area were very supportive of Ms. Lee and the work she had accomplished during her tenure within the parish.

The attendance of the ANR Advisory Committee is an excellent indication of the approval Ms. Lee has received from the producers of the parish. They have shown an interest in the ANR program Ms. Lee has provided and are very vocal in the direction the program should take. And Ms. Lee has successfully incorporated into the ANR program suggestions from the producers and has built a strong program in East Carroll Parish.

Another indication of the strength of the ANR Program in East Carroll Parish is the participation and demographics of the producers who attended the 2006 Research Demonstration Tour. The numbers attending varied by stop as producers were encouraged to attend where their interest lay. The cotton stops were by far the most popular and a noticeable difference was the number of young producers under the age of 30. Of approximately 50 producers attending, the largest percentage were young producers who are obviously comfortable with the computerized age we currently subscribe to since these stops included discussions of GPS/GIS technology.

When Ms. Lee first began her electronic mail system she had less than 20 producers on her email list. Now three years later the list exceeds 60 producers from East Carroll Parish and surrounding parishes along with landowners who currently reside in other states.

DEVELOPMENT AND PRESENTATION OF RESEARCH-BASED MATERIALS

Through the pursuit of her Masters Degree Ms. Lee has produced several presentations from the research material generated by herself and her major professor, Dr. Donnie Miller, at the Northeast Research Station in St. Joseph, Louisiana. Ms. Lee has presented this data at numerous Beltwide Cotton Conferences, Southern Weed Science Society Meetings, Louisiana Cotton Producers Forum, and Louisiana Agricultural Sciences Association.

Ms. Lee most recently presented at the 2006 Louisiana Cotton Forum on glyphosate tolerance. The addition of a glyphosate weed control program in the majority of the row crops has made weed control both economical and easy to use. But there are potential problems associated with this program that we need to protect against. Continued use of any one pesticide will select for pests that are tolerant of the pesticide and Ms. Lee's presentation was based on this issue. This presentation was so well received Delta Farm Press published an article on Ms. Lee's presentation.

The Summer Edition of Louisiana Agriculture Magazine is publishing an article written by Ms. Lee entitled, "When Crops Become Weeds; Competitive Potential of Volunteer Roundup Ready Cotton and Soybean." This article is related to the research Ms. Lee has completed while pursuing a Master's Degree in Agronomy.

A similar article was written for the Lake Providence paper, The Banner Democrat, entitled "Volunteer Roundup Ready Weeds". This article covers the competitiveness of these weeds and offers research backed information on riding the crop of these weeds including herbicides.

After attending the Northeast Research Station Field Day, a journalist with the Delta Farm Press wrote an article featuring the research completed by Ms. Lee and Dr. Donnie Miller in a recent issue.

Ms. Lee has taken data from specialists associated with LSU AgCenter and turned this data into PowerPoint presentations which she has used at production meetings and Private Pesticide Applicator recertifications. This data covers Spray Drift Control, Calibration Techniques, and The Role Weather Plays in Spray Drift.

PUBLICATIONS (PRINT AND ELECTRONIC)

2005-2006

Subject	Format	Description*
Headline SBR	Email Newsletter	Emailed to All Commodities list (60)/S.
One More County in FL with Soybean Rust	Email Newsletter	Emailed to Soybean email list (60)/S.
SARM Maggot Infestations	Email Newsletter	Emailed to All Commodities list (60)/S.
Soybean and Feed Grain Market Update	Email Newsletter	Emailed to All Commodities list (60)/S.
Corn Insect Update	Email Newsletter	Emailed to Corn commodities email list (56)/S.
Field Notes	Email Newsletter	Emailed to Rice email lists (43)/S.
Soybean Insect Update	Email Newsletter	Emailed to Soybean email list (60)/S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Soybean Insect Update	Email Newsletter	Emailed to Soybean email list (60)/S.
New ASR Finds	Email Newsletter	Emailed to Soybean email list (60)/S.
Rice Fungicides	Email Newsletter	Emailed to Rice email list (43) /S.
Model Farm Field Day	Email Newsletter	Emailed to All Commodities list (60) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Master Farmer Model Farm Field Day	Email Newsletter	Emailed to All Commodities list (60)/C.
Rice Soybean Field Day	Email Newsletter	Emailed to All Commodities list (60) /S.
Soybean Outlook	Email Newsletter	Emailed to Soybean email list (60) /S.
ASR Spores	Email Newsletter	Emailed to Soybean email list (60) /C.
Grain Storage	Email Newsletter	Emailed to All Commodities list (60) /C.
Soybean Insect Update	Email Newsletter	Emailed to Soybean email list (60) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Soybean Newsletter	Email Newsletter	Emailed to Soybean email list (60) /S.
Red Shouldered Stink Bug Threshold	Email Newsletter	Emailed to Soybean email list (60) /S.
Rice Research Station Newsletter	Email Newsletter	Emailed to Rice email list (43) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
LA Cotton Insect Newsletter	Email Newsletter	Emailed to Cotton email list (50) /S.
Louisiana Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (50) /S.
Ag Pestline	Email Newsletter	Emailed to All Commodities email list (60) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Rice Payments 2004/05	Email Newsletter	Emailed to Rice email list (43) /S.
LA Cotton Insect Newsletter	Email Newsletter	Emailed to Cotton email list (50) /S.
Farm Program Material	Email Newsletter	Emailed to All Commodities list (60) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Red Shouldered Stink Bug	Email Newsletter	Emailed to All Commodities list (60) /S.
Ag Pestline	Email Newsletter	Emailed to All Commodities list (60) /S.
Roundup/Beyond Drift	Email Newsletter	Emailed to Rice email list (43) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Louisiana Harvest Aide Outlook	Email Newsletter	Emailed to Cotton email list (50) /S.
LA Rice Industry Hurricane Relief Effort	Email Newsletter	Emailed to All Commodities email list (60) /C.
Soybean & Milo Harvest Situation	Email Newsletter	Emailed to All Commodities email list (60) /C.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodities email list (60) /S.
2006 Rice Cash Flow Model	Email Newsletter	Emailed to Rice email list (43) /S.
Ports Update	Email Newsletter	Emailed to All Commodities email list (60) /S.
Louisiana Harvest Aide Outlook	Email Newsletter	Emailed to Cotton email list (50) /S.

2006 Wheat Variety Recommendations	Email Newsletter	Emailed to All Commodities email list (60) /S.
Louisiana Defoliation Guidelines Publication	Email Newsletter	Emailed to Cotton email list (50) /S.
Rice Outlook	Email Newsletter	Emailed to Rice email list (43) /S.
Louisiana Harvest Aide Outlook	Email Newsletter	Emailed to Cotton email list (43) /S.
Fire Ants in Bins	Email Newsletter	Emailed to Rice email list (43) /S.
Demonstrations for East Carroll Parish	Email Newsletter	Emailed to All Commodities list (60) /A.
2006 LSU Wheat Variety Recommendations	Email Newsletter	Emailed to All Commodities list (60) /S.
Soybean and Feed Grain Market Update	Email Newsletter	Emailed to All Commodities email list (60) /S.
2006 Enterprise Budgets	Email Newsletter	Emailed to All Commodities email list (60) /S.
Soybean and Feed Grain Market Update	Email Newsletter	Emailed to All Commodities email list (60) /S.
USA Rice Outlook Conference	Email Newsletter	Emailed to Rice email list (43) /S.
Louisiana Disaster Declarations	Email Newsletter	Emailed to All Commodities email list (60) /S.
Upcoming Events	Email Newsletter	Emailed to All Commodities email list (60) /A.
Soybean and Feed Grain Specialists' Best Bets	Email Newsletter	Emailed to All Commodities email list (60) /S.
Soybean & Grain Review	Email Newsletter	Emailed to All Commodities email list (60) /S.
Rice Projections	Email Newsletter	Emailed to Rice email list (43) /S.
Parish Website	Email Newsletter	Emailed to All Commodities email list (60) /A.
2006 LSU Cotton Variety Recommendations	Email Newsletter	Emailed to All Commodities email list (60) /S.
Soybean & Grain Review	Email Newsletter	Emailed to All Commodities email list (60) /S.
EPA Requests	Email Newsletter	Emailed to All Commodities email list (60/S).
Soybean Rust Workshop Registration	Email Newsletter	Emailed to All Commodities email list (60) /A.
East Carroll Production Meet; Corn Forum; Cotton Forum; Pesticide Recertification	Email Newsletter	Emailed to All Commodities email list (60) /A.
Rice Research Station Newsletter	Email Newsletter	Emailed to Rice email list (43) /S.
East Carroll Parish Production Meeting/ Pesticide Recertification	Email Newsletter	Emailed to All Commodities email list (60) /A.
Rice Production Meeting	Email Newsletter	Emailed to Rice email list (43) /A.
Private Pesticide Applicator Recertification Dates	Email Newsletter	Emailed to All Commodities email list (60) /A.
Stripe Rust in Northeast Louisiana	Email Newsletter	Emailed to All Commodities email list (60) /S.
ASR in Mexico	Email Newsletter	Emailed to All Commodities email list (60) /S.
Jeff Davis Rice Talk	Email Newsletter	Emailed to Rice email list (43) /S.
ASR on Soybean in Texas	Email Newsletter	Emailed to All Commodities email list (60) /S.
March Rice Outlook	Email Newsletter	Emailed to Rice email list (43) /S.
Kudzu and Early Planted Soybeans	Email Newsletter	Emailed to All Commodities email list (60) /A.
Louisiana Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (50) /S.
Armyworms	Email Newsletter	Emailed to All Commodities email list (60) /S.
Louisiana Cotton Planting Forecast	Email Newsletter	Emailed to Cotton email list (50) /S.
Field Notes	Email Newsletter	Emailed to Rice email list (43) /S.
Ag Pestline	Email Newsletter	Emailed to All Commodities email list (60) /S.
Louisiana Cotton Planting Forecast	Email Newsletter	Emailed to Cotton email list (50) /S.

2004-2005

Subject	Format	Description
Red River Entomology Report & Waterlog Table for Soybeans	Email Newsletter	Emailed to All Commodity email list (38) /S.
Private Pesticide Applicator Workshop	Email Newsletter	Emailed to All Commodity email list (38) /A.
Northeast Louisiana Rice & Soybean Field Day	Email Newsletter	Emailed to All Commodity email list (38) /A.
Louisiana Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (29) /S.
Rice & Soybean Update	Email Newsletter	Emailed to All Commodity email list (38) /S.
Intrepid Section 18 for Soybean	Email Newsletter	Emailed to All Commodity email list (38) /S.
SWCB Trap Counts for East Carroll Parish	Email Newsletter	Emailed to Corn email list (35) /C.
Beyond on Ratoon Clearfield Rice	Email Newsletter	Emailed to Rice email list (26) /S.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Research Station Newsletter	Email Newsletter	Emailed to Rice email list (26) /S.
Rice Levee Billbug	Email Newsletter	Emailed to Rice email list (26) /S.
Soybean Insect Update	Email Newsletter	Emailed to All Commodity email list (38) /S.
Census of Ag Figures	Email Newsletter	Emailed to All Commodity email list (38) /S.
Cotton Tour of West Texas	Email Newsletter	Emailed to Cotton email list (29) /A.
Red Shouldered Stink Bug	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Insect Update	Email Newsletter	Emailed to All Commodity email list (38) /S.
Red Shouldered Stink Bug	Email Newsletter	Emailed to All Commodity email list (38) /S.
Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (29) /S.
Defoliation	Email Newsletter	Emailed to Cotton email list (29) /S.
Red Shouldered Stink Bug	Email Newsletter	Emailed to All Commodity email list (38) /S.
Red Shouldered Stink Bug	Email Newsletter	Emailed to All Commodity email list (38) /S.
Clearfield Rice Suits – AR	Email Newsletter	Emailed to Rice email list (26) /S.
Cotton Defoliation Update	Email Newsletter	Emailed to Cotton email list (29) /S.
Red Shouldered Stink Bug	Email Newsletter	Emailed to All Commodity email list (38) /S.
Jeff Davis Rice Talk	Email Newsletter	Emailed to Rice email list (26) /S.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (29) /S.
Rice Outlook	Email Newsletter	Emailed to Rice email list (26) /S.
Extension of Crisis Exemption for Use of Acephate	Email Newsletter	Emailed to All Commodity email list (38) /S.
Ag Economics Update	Email Newsletter	Emailed to All Commodity email list (38) /S.
Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (29) /S.
Soybean/Feed Grain Review & 2005 Corn Hybrid Recommendation List	Email Newsletter	Emailed to All Commodity email list (38) /S.
Clearfield & Out Crossing	Email Newsletter	Emailed to Rice email list (26) /S.
Ag Policy Updates	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Problems	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Drying	Email Newsletter	Emailed to Rice email list (26) /S.
Rice Daily	Email Newsletter	Emailed to Rice email list (26) /S.
Rice Dryer	Email Newsletter	Emailed to Rice email list (26) /S.
Rice Outlook	Email Newsletter	Emailed to Rice email list (26) /S.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Feed Grain Outlook	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Outlook	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Research Station Newsletter	Email Newsletter	Emailed to Rice email list (26) /S.
USDA Confirms Rust in U.S.	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Rust Found in Louisiana	Email Newsletter	Emailed to All Commodity email list (38) /S.

Potash Prices Rising	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Rust	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Rust	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean Rust	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Demo	Email Newsletter	Emailed to Rice email list (26) /A.
Rice Insect	Email Newsletter	Emailed to Rice email list (26) /S.
Cotton Variety Recommendations	Email Newsletter	Emailed to Cotton email list (29) /S.
Foundation Rice Seed	Email Newsletter	Emailed to All Commodity email list (38) /C.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
LSU Enterprise Budgets	Email Newsletter	Emailed to All Commodity email list (38) /S.
Upcoming Meetings	Email Newsletter	Emailed to All Commodity email list (38) /A.
2005 Projected Rice Production Costs	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soil Fertility	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Research Station Newsletter	Email Newsletter	Emailed to Rice email list (26) /S.
Rice & Soybean Forum	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Furadan Section 18 Request	Email Newsletter	Emailed to Rice email list (26) /S.
Crop Profitability & 2005 Loan Rates	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Outlook	Email Newsletter	Emailed to Rice email list (26) /S.
2005 Ag Outlook Publication	Email Newsletter	Emailed to All Commodity email list (38) /S.
Soybean/Feed Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Corn Outlook	Email Newsletter	Emailed to Corn email list (35) /S.
Cotton Insect	Email Newsletter	Emailed to Cotton email list (29) /S.
Correction on Gaucho Rate	Email Newsletter	Emailed to All Commodity email list (38) /S.
EQUIP	Email Newsletter	Emailed to All Commodity email list (38) /S.
Carbofuran Use Might Expand	Email Newsletter	Emailed to Rice email list (26) /S.
Asian Rust Info Sheet	Email Newsletter	Emailed to All Commodity email list (38) /S.
Louisiana Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (29) /S.
Rice Outlook	Email Newsletter	Emailed to Rice email list (26) /S.
March Market Outlook	Email Newsletter	Emailed to All Commodity email list (38) /S.
DD50 Program	Email Newsletter	Emailed to Rice email list (26) /A.
Drill Calibration	Email Newsletter	Emailed to Rice email list (26) /S.
Soybean & Grain Review	Email Newsletter	Emailed to All Commodity email list (38) /S.
Rice Newsletter	Email Newsletter	Emailed to Rice email list (26) /S.
Louisiana Cotton Bulletin	Email Newsletter	Emailed to Cotton email list (29) /S.
Soybean Fungicide Demonstration/Handouts	Circular Mail	Soybean Growth Stage Chart /C.
Horticulture Hints	Circular Mail	Lawn and gardening information /S.
Wheat, Grass & Oat Data	Circular Mail	Recommendations for Wheat, Grass & Oats /S.
2005 Corn Hybrids	Circular Mail	2005 Corn Hybrid Recommendations /S.
2005 Grain Sorghum Hybrids	Circular Mail	2005 Grain Sorghum Hybrid Recommendations /S.
2005 Rice Varieties & Management Tips	Circular Mail	2005 Rice Varieties & Management Tips /S.
Horticulture Hints	Circular Mail	Lawn and gardening information /S.
Programs for Corn/Soybean Production Meetings	Circular Mail	Program for Corn/Soybean Production Meetings /A.
Cotton Production Meeting/Proposition Flyer	Circular Mail	Information for upcoming cotton production meeting along with flyer with information for LCES Tax Proposition /C.
Cotton Production Meeting Program	Circular Mail	Program for upcoming cotton production meeting /A.
2005 Soybean Survey/Variety	Circular Mail	Soybean survey & 2005 Soybean Variety

Recommendations		Recommendations /S.
Upcoming Pesticide Recertification Meeting	Circular Mail	Postcard informing of upcoming pesticide recertification program /A.
WPS Meeting & Rice Roundtable Discussion	Circular Mail	Letter on upcoming WPS Training & Rice Roundtable Discussion Meeting /A.
Horticulture Hints	Circular Mail	Lawn and gardening information /S.
Mail List Update	Circular Mail	Mailing list update to recipients /A.

2003-2004

Subject	Format	Description
Rice Daily. USA Rice Federation	Email Newsletter	Emailed to rice email list (28) /S.
Rice Daily. USA Rice Federation	Email Newsletter	Emailed to rice email list (28) /S.
Rice Daily. USA Rice Federation	Email Newsletter	Emailed to rice email list (28) /S.
Rice Daily. USA Rice Federation	Email Newsletter	Emailed to rice email list (28) /S.
Side Inlet Irrigation-Dr. Johnny Saichuk	Email Newsletter	Brief description with photo of side inlet irrigation. Emailed to rice email list (28) /S.
Rice Trade. Delta Farm Press	Email Newsletter	Article concerning rice trade to Iraq. Emailed to rice email list (28) /S.
Rice Trade	Email Newsletter	Letter from Congressmen of rice states to Condolezza Rice on trade with Iraq. Emailed to rice email list (28) /S.
Rice Outlook	Email Newsletter	Emailed to rice email list (28) /S.
Rice Outlook	Email Newsletter	Emailed to rice email list (28) /S.
Rice Market. USA Rice Federation	Email Newsletter	Tenders for Iraqi rice. Emailed to rice email list (28) /S.
Rice Water Weevils-Dr. Johnny Saichuk	Email Newsletter	Weevils found 4/13/2004 in Vermillion Parish. Emailed to rice email list (28) /S.
Newpath Application-Dr. Johnny Saichuk	Email Newsletter	Cool Temperatures affect Newpath herbicide adversely. Emailed to rice email list (28) /S.
Mexican Weed in Rice, Dr. Bill Williams	Email Newsletter	Dr. Williams was requesting a producer with Mexican weed and alligator weed for field trials. Emailed to rice email list (28) /A.
LA Cotton Bulletin	Email Newsletter	Cotton burndown update. Emailed to cotton email list (29) /S.
LA Cotton Bulletin	Email Newsletter	Emailed to cotton producer email list (29) /S.
LA Cotton Bulletin	Email Newsletter	Emailed to cotton email list (29) /S.
LA Cotton Bulletin	Email Newsletter	Cotton burndown update. Emailed to cotton email list (29)/S.
LA Cotton Bulletin	Email Newsletter	Cotton burndown update. Emailed to cotton email list (29) /S.
Cotton Variety Trial	Email Newsletter	Requesting producer volunteer for cotton demonstration. Emailed to cotton email list (29) /A.
Ag Outlook	Email Newsletter	Market update. Emailed to all commodity email list (37) /S.
Ag Outlook	Email Newsletter	Market update. Emailed to all commodity email list (37) /S.
Ag Outlook	Email Newsletter	Market update. Emailed to all commodity email list (37) /S.

2004 Crop Budgets. LSU AgCenter Ag Economists	Email Newsletter	Emailed to all commodity email list (37) /S.
Louisiana Crop Situation Mixed for Now	Email Newsletter	Soybean and corn update. Emailed to all commodity email list (37) /S.
Soybean & Grain Review	Email Newsletter	Update on the small grains. Emailed to all commodity email list (37) /S.
Stalk Borers and Karate Z	Email Newsletter	Update to the Karate Z label. Emailed to corn email list (36) /S.
Soybean Market Update	Email Newsletter	Emailed to soybean email list (36) /S.
Notification of last pesticide recertification meeting	Email Newsletter	Emailed to all commodity email list (37).
Trouble Shooting Guide for No-till Planting	Email Newsletter	Guide for problems that may arise with no-till planters. Emailed to all commodity email list (28) /S.
Calendar of Events, Glyphosate Quick Fact Tables, and Link to "Guidelines for Managing Winter Vegetation in Northeast Louisiana."	Email Newsletter	Emailed to all commodity email list (37) /A.
Plant Back Information Sheet/Glyphosate Formulations	Email Newsletter	Emailed to all commodity email list (37) /A.
Wheat Rust. Dr. Ken Whitham.	Email Newsletter	Recommendations for control. Emailed to all commodity email list (37) /S.
2003 Crop Counter – Cyclical Payments for Rice & Peanuts	Email Newsletter	Emailed to all commodity email list (37) /S.
2004 Plant Disease Control Guide, Web address	Email Newsletter	Emailed to all commodity list (37) /C.
Soybean Feed Grain Review	Email Newsletter	Update on small grains. Emailed to all commodity list (37) /S.
Cotton Insect Bulletin	Email Newsletter	Cotton insect control. Emailed to cotton producer email list (29) /S.
Rice Outlook	Email Newsletter	Emailed to rice producer email list (28) /S.
2004 Cotton Insect Control	Email Newsletter	Emailed to cotton producer email list (29) /S.
LA Cotton Bulletin	Email Newsletter	Cotton burndown update. Emailed to cotton producer email list (29) /S.
Rice Stink Bug Management	Email Newsletter	Emailed to rice producer email list (28) /S.
Feed Grains Outlook	Email Newsletter	Emailed to all commodity email list (37) /S.
Soybean Outlook	Email Newsletter	Emailed to soybean email list (36) /S.
LA Cotton Bulletin	Email Newsletter	Thrips control, weed control and wet cotton update. Emailed to cotton email list (29) /S.
Fungicides in Rice	Email Newsletter	Disease control, timing issues with fungicides. Emailed to rice email list (28) /S.
Southwestern Corn Borer Trap Counts	Email Newsletter	Emailed to corn email list (36) /C.
Rice Weevil Management	Email Newsletter	Emailed to rice email list (28) /S.
Soybean/Small Grain Review	Email Newsletter	Weed/insect control, stalk borer counts. Emailed to all commodity email list (37) /S.
Stalk Borers. Dr. Boris Castro	Email Newsletter	Photo. Emailed to rice email list (28) /S.
LA Cotton Bulletin	Email Newsletter	DD60's, Weed Control and Agronomics. Emailed to cotton email list (29) /S.
Jeff Davis Rice Talk	Email Newsletter	Rice tips from county agent with rice specialization. Emailed to rice email list (28) /S.
Mystery Problem	Email Newsletter	Current problem plaguing south Louisiana rice fields with photo id. Emailed to rice email list (28) /S.
Spring Horticulture Hints	Circular Letter	Mailed to horticulture list (227) /S.

Postcard to all producers announcing Northeast Research Station Field Day	Circular Letter	Mailed to all producers (236) /A.
Forage and Hay Tour	Circular Letter	Mailed to all livestock producers (44) /S.
2004 Corn and Grain Sorghum Recommendations	Circular Letter	Mailed to all producers (237) /S.
Winter Horticulture Hints	Circular Letter	Mailed to horticulture list (232) /S.
2004 Ag Outlook Postcard	Circular Letter	Mailed to all producers (237) /C.
2004 Foundation Rice Seed Request Forms	Circular Letter	Mailed to rice producers (113) /C.
2004 Rice Varieties & Management Tips; Rice Insect Control	Circular Letter	Mailed to rice producers (113) /S.
2004 Cotton Variety Recommendations	Circular Letter	Mailed to all producers (236) /S.
Master Farmer information; calendar of events	Circular Letter	Mailed to all producers (239) /A.
Cotton/Corn Production Meeting & Private Pesticide Applicator Recertification	Circular Letter	Mailed to all producers (241) /A.
Program for Cotton/Corn Meeting & Private Pesticide Applicator Recertification	Circular Letter	Mailed to all producers (241) /A.
Announcing WPS training; Upcoming events	Circular Letter	Mailed to all producers (240) /A.
Yearly survey for updating mailing list	Circular Letter	Mailed to all producers (240) /A.
Postcard for onion control in wheat	Circular Letter	Mailed to all producers (240) /A.
Rice/Soybean Production Meeting & Private Pesticide Applicator Recertification	Circular Letter	Mailed to all producers (240) /A.
2004 Soybean Varieties; Upcoming Meetings	Circular Letter	Mailed to all producers (241) /A.
Rice/Soybean Production Meeting & Private Pesticide Applicator Recertification	Circular Letter	Mailed to all producers (241) /A.
Spring Horticulture Hints	Circular Letter	Mailed to horticulture list (233) /S.
Letter with WPS card to trainees	Circular Letter	Mailed to (19).
2004 Pasture & Forage Crop Variety Recommendations	Circular Letter	Mailed to livestock producers (57) /S.
Glyphosate Quick Facts Tables; MOA Table	Circular Letter	Mailed to all producers (237) /C.
Rice plant back restrictions; burndown information	Circular Letter	Mailed to rice producers (109) /S.
2004 Weed Control in Cotton	Circular Letter	Mailed to all producers (237) /S.
Cotton Producer Survey	Circular Letter	Mailed to all producers (236) /S.
Announcing Private Pesticide Applicator Test Workshop	Circular Letter	Mailed to all producers (236) plus Glenn Dixon's list (39) /A.
Boll Weevil Eradication Meeting; LDAF Tree Seedlings; Section 24C on Aim; Section 18 on Intrepid; Sorghum Webworm Recommendations; Harvest Aids	Circular Letter	Mailed to all producers (236) /C.
Postcard reminder on Boll Weevil Eradication meeting	Circular Letter	Mailed to cotton producers (191) /A.
Louisiana Cotton Update	Circular Letter	Mailed to cotton producers (192) /S.

MASS MEDIA, WEB PAGE DEVELOPMENT AND MAINTENANCE

Ms. Lee publicizes East Carroll Parish ANR program on a regular basis since promotion of the program is essential to its growth and support. Articles are submitted to the Banner Democrat, a local paper, to inform the community of the upcoming events and programs, current pest issues such as Asian Soybean Rust, and all information pertaining to the 4-H Livestock Program.

Ms. Lee has also been a guest on the local radio station to promote Master Farmer Training and also a segment to encourage parish residents to vote for the East Carroll Parish Extension Office tax millage to be used to support the office financially.

The ANR section of the parish website which can be found on the LSU AgCenter website is written and maintained by Ms. Lee. She uses this forum to publish data from research demonstration fields within the parish.

2005-2006

“East Carroll Rice Producer Receives Award”

Banner Democrat, Lake Providence, LA

Buford Perry receives award for lifelong dedication to the Louisiana Rice Industry.

“Katrina Hurts Louisiana Milk, Citrus, Cattle, Sugarcane Production; Nursery Industry Suffers Too”

AgCenter News Release

Contributed to article written by Bruce Schultz.

“LA Master Farmer Training Scheduled”

Banner Democrat, Lake Providence, LA

Announcing Master Farmer Training for East Carroll and West Carroll Parishes.

“Soybean Forum Set for January 6 in Delhi”

Banner Democrat, Lake Providence, LA

Announcing Tri State Soybean Forum to be held in Delhi, Louisiana on January 6, 2006.

“Production Meeting Moved to Richmond Civic Center”

Banner Democrat, Lake Providence, LA

Bi-parish Production meeting to be held at Richmond Civic Center in Tallulah, LA.

“Private Pesticide Applicator Training to be Held Tuesday”

Banner Democrat, Lake Providence, LA

Announcing private pesticide applicator recertification and WPS training held on February 21, 2006.

“4-H Livestock Show Underway”

Banner Democrat, Lake Providence, LA

Announcing placing for parish 4-Hers participating in West Carroll Parish Livestock Show.

“Brown and Hendrix Receive Champion Ribbons at Northeast Louisiana District Livestock Show”

Banner Democrat, Lake Providence, LA

Announcing placing for District Livestock Show promoting East Carroll Parish 4-Hers.

“Volunteer Roundup Ready Weeds”

Banner Democrat, Lake Providence, LA

Article on the competitiveness of crop “weeds” and instruction on herbicides and rates to use in order to control these “weeds”.

2004-2005

“Footprints in the Field”

Delta Farm Press

Contributed to an article written by Eva Ann Dorris pertaining to the stage of East Carroll Parish cotton crop.

“Fungicide Workshop”

Banner Democrat, Lake Providence, LA

Parish wide invitation to producers for fungicide workshop which provided the knowledge needed to make timely and correct fungicide applications on their soybean crop.

“Update”

Banner Democrat, Lake Providence, LA

Brief update on fungicide workshop held only 07/02/04.

“AgCenter to begin Gardener Classes”

Banner Democrat, Lake Providence, LA

Brief description of Parish Master Gardener classes to be held in Tallulah, along with date and time.

“French Group Visits Lake Providence”

Banner Democrat, Lake Providence, LA

Article informing public of French film crew in Lake Providence to film 4 local residents on cotton production today and years ago.

“Hendrix Places at Louisiana State Fair”

Banner Democrat, Lake Providence, LA

Article describing the accomplishments of East Carroll Parish 4H'er Michael Hendrix at the

Louisiana State Fair in Shreveport.

“Soybean Production, Pesticide Recertification Meeting Monday”

Banner Democrat, Lake Providence, LA

Invitation to parish producers to attend a soybean production meeting along with brief description of program and speakers.

“Ag Meeting Set for Friday”

Banner Democrat, Lake Providence, LA

Invitation to parish producers to attend a cotton production meeting along with brief description of program and speakers.

“Livestock Show Held in Delhi”

Banner Democrat, Lake Providence, LA

Article showcasing 2 East Carroll Parish 4H'er's and their accomplishments at the Northeast Louisiana Livestock show.

“Two Place at Livestock Show”

Banner Democrat, Lake Providence, LA

Brief article describing the accomplishments of 4H'ers Michael and Rachel Hendrix at the LSU AgCenter Livestock Show.

2003-2004

“2003 Northeast Louisiana Horse Show”

Banner Democrat, Lake Providence, LA

Brief article showcasing Justin Gardner, an East Carroll Parish 4H'er who qualified for the State Horse Show.

“East Carroll Parish 4-Her Places at State Show”

Banner Democrat, Lake Providence, LA

Photo with brief description of Justin Gardner placing 3rd in his class at the state horse show.

“Master Farmer/Cattleman Training”

Banner Democrat, Lake Providence, LA

Informative article concerning the upcoming Master Farmer/Cattleman program for Morehouse, East and West Carroll Parish producers showcasing BMP's.

“Recertification Meeting Set”

Banner Democrat, Lake Providence, LA

Article describing the upcoming Cotton/Corn Production Meeting and Private Pesticide Applicator Recertification, listing speakers and topics.

“WPS Meeting Set for February 18”

Banner Democrat, Lake Providence, LA

Description of the training with information concerning legal requirements of acquiring a WPS Card.

“4-Hers with Livestock Projects to Meet March 25”

Banner Democrat, Lake Providence, LA

Invitation to parents of East Carroll Parish 4H'ers to attend this meeting to learn the benefits the livestock program offers 4 H'ers along with information concerning the many animal projects offered.

“AgCenter Plans Pesticide Workshop for April 27”

Banner Democrat, Lake Providence, LA

Brief description of workshop which will teach producers the importance of the pesticide applicator certification and will also enable producers to take the test with a greater chance of passing the test.

“LSU AgCenter takes Rice Recommendations to North Louisiana Rice Growers”

USA Rice Federation Daily

Article written by Randy Jemison with USA Rice Federation covering the East Carroll Parish Rice/Soybean Production Meeting.

“Footprints in the Field”

Delta Farm Press

Contributed to article written by Eva Ann Dorris pertaining to the stage of cotton crop at that time.

“East Carroll Parish 4-Her Places in Spring Shows”

Banner Democrat, Lake Providence, LA

Brief article describing the accomplishments of East Carroll Parish 4 H'er Michael Hendrix during the Spring Livestock Shows.

COOPERATION/COLLABORATION WITH OTHER FACULTY

Ms. Lee has worked well in her efforts in cooperating and collaborating with other faculty members as demonstrated by the many Research Demonstration Trials she has conducted in cooperation with the associated specialist along with Research Verification Fields.

2005-2006

The success of the Rice Alley of the Ag Alley which is the educational portion of the North Louisiana Ag Expo can be contributed to Ms. Lee's ability to work with co-workers from all areas of the state. Other committee members consisted of 4-H agents, Family and Consumer Science agents, State Specialists, Research Associates, and Commodity groups.

Under the direction of Dr. David Lanclos, LSU AgCenter Soybean and Feed Grain Specialist, Ms. Lee has initiated three soybean variety trials in East Carroll Parish this year, one Maturity Group III Variety Trial-Irrigated, one Maturity Group IV Variety Trial-Irrigated, and one Maturity Group IV Variety Trial-Non-Irrigated.

She is participating in two Corn Variety Trials also under Dr. David Lanclos, one Roundup Ready Corn Variety Trial and one Conventional Corn Variety Trial.

With the help of Dr. Sandy Stewart, LSU AgCenter Cotton Specialist, Ms. Lee has responsibility for two Cotton Variety Trials, one Conventional Cotton Variety Trial and one Roundup Ready Flex Trial.

Mrs. Lee is currently managing two Corn Borer Trials, one under Dr. Jack Baldwin which will allow Dr. Baldwin to ascertain the need for controlling corn borers and one under Dr. Fangneng Huang which will allow Dr. Huang to test borers for resistance to *Bacillus thuringensis*.

Dr. Roger Leonard, Dr. Jack Baldwin, and Ms. Lee have placed a Soybean Seed Treatment trial on a local farm which may lead producers to increase yields by controlling early season insect pests that were once thought to cause very little if any damage.

Dr. Jack Baldwin and Ms. Lee are collecting moth data on two locations within East Carroll Parish which will give a detailed account of the history of the moth flight pattern.

Dr. Johnny Saichuk, with Ms. Lee's help, has introduced the Rice Verification Program to an East Carroll producer in an effort to promote LSU AgCenter recommendations to both this producer and other parish producers.

Ms. Lee has worked with area agents in producing mini-workshops. These include: Dr. John Pyzner, LSU AgCenter Pecan Specialist, Dr. Boyd Padgett, LSU AgCenter Plant Pathologist, Dr. Ron Strahan, LSU AgCenter Turfgrass Weed Scientist, Dr. Tom Koske, LSU AgCenter Turf Specialist, Dr. Don Ferrin, LSU AgCenter Plant Pathologist, Mr. J Stevens, LSU AgCenter Soil

Scientist, Dr. Donnie Miller, LSU AgCenter Weed Scientist, and Dr. Bill Williams, LSU AgCenter Weed Scientist.

2004-2005

Dr. David Lanclos, LSU AgCenter Soybean and Feed Grain Specialist and Ms. Lee have established two soybean variety trials in East Carroll Parish this year, a Maturity Group III Variety Trial and a Maturity Group IV Variety Trial.

Ms. Lee participated in a Corn Variety Trial also under Dr. David Lanclos, a Conventional Corn Variety Trial.

Ms. Lee is cooperating with Dr. Lanclos with a Soybean Verification Field Program which is designed to teach or verify to area producers the validity of LSU AgCenter recommendations.

With the help of Dr. Sandy Stewart, LSU AgCenter Cotton Specialist, Ms. Lee has responsibility for a Cotton Variety Trial, Conventional Cotton Variety Trial.

Mrs. Lee is currently managing two Corn Borer Trials, one under Dr. Jack Baldwin which will allow Dr. Baldwin to ascertain the need for controlling corn borers and one under Dr. Fangneng Huang which will allow Dr. Huang to test borers for resistance to *Bacillus thuringensis*.

Dr. Jack Baldwin and Ms. Lee are again collecting moth data on two locations within East Carroll Parish which will give a detailed account of the history of the moth flight pattern.

Dr. Johnny Saichuk with Ms. Lee's help has conducted the Rice Verification Program on an East Carroll producer's farm in an effort to promote LSU AgCenter recommendations to both this producer and other parish producers. This is the second and final year this program will be placed on this particular farm.

EXTERNAL FUNDING, MATERIAL SUPPORT AND GRANTS

2005-2006

Funding	Type	Value ^a	Description
North Louisiana Rice Growers Association	Monetary	\$496.20	Provided rental of conference room and lunch.
C & C Farm Partnership	In-Kind	8,727.32	Provided land and equipment for Roundup Ready Corn Variety Trial and Conventional Corn Variety Trial.
Roger Clement Farm	In-Kind	17,197.32	Provided land and equipment for Conventional Roundup Ready Cotton Variety Trial.
Bo Holt Farm	In-Kind	17,197.32	Provided land and equipment for Flex Cotton Variety Trial.
Gregory Farms	In-Kind	1,686.32	Provided land and equipment for Maturity Group III and Maturity Group IV Soybean Variety Trials (irrigated).
Henry Collins Farm	In-Kind	349.48	Provided land and equipment for Maturity Group IV Soybean Variety Trial (non-irrigated).
Ken Fairchild Farm	In-Kind	19,525.32	Provided land and equipment for Rice Verification Program.
Jamie Howington Farm	In-Kind	1,860.98	Provided land and equipment for Bt Corn Trial (Baldwin).
Jamie Howington Farm	In-Kind	100.00	Provided land for corn borer trap trial (Baldwin).
Donavon Taves Farm	In-Kind	417.39	Provided land and equipment for Corn Borer Collection Trial (Huang).
King Farms	In-Kind	3,532.32	Provided land and equipment for Cruiser Soybean Trial.
Delta Bank	In-Kind	200.00	Provided conference room for East Carroll Parish Ag Advisory Committee meeting.
East Carroll Police Jury	In-Kind	200.00	Provided meeting room for Pesticide Recertification Meeting and Worker Protection Training
Jehovah Java	In-Kind	200.00	Providing conference room for East Carroll Parish Demonstration Field Day planning committee meeting
Blair Plantation	In-Kind	200.00	Providing location for Fungicide Workshop.
Total Funding		\$71,889.97	

^aValue calculated using LSU AgCenter 2006 Enterprise Budgets; average cost of production of 1 acre of commodity less input not used plus value of average of 8 hours of volunteer work at \$18.04/hour and is approximate.

2004-2005

Funding	Type	Value^{ab}	Description
Integrated Pest Management Grant	Grant	\$2,449.38 ^b	Offset the cost of research being conducted by Ms. Lee and her major professor, Dr. Donnie Miller.
Ken Fairchild Farm	In-Kind	3857.48	Provided land for Soybean Verification Program.
Gregory Farm	In-Kind	1402.80	Provided land for Soybean Variety Trial.
Tap Parker Farm	In-Kind	52,139.32	Provided land for Cotton Variety Trial.
Brian Howard Farm	In-Kind	-----	Use of farm as model farm for Master Farmer program - ongoing.
Schneider Farm	In-Kind	537.28	
East Carroll Parish Police Jury	In-Kind	200.00	Use of room for Pesticide Workshop.
Parker Farms	In-Kind	100.00	Moth traps were also placed on this farm.
Howington Farm	In-Kind	6,413.07	Use of farm for Corn Variety Test.
Howington Farm	In-Kind	100.00	Use of Farm for Moth Trap placement.
Taves Farm	In-Kind	12,250.82	Use of farm for Rice Verification program
Deed Office	In-Kind	200.00	Use of building etc. for two production meetings, Soybean plus Cotton Production Meetings.
Delta Bank	In-Kind	200.00	Use of room for Rice Roundtable Discussion.
Terral AgriService	In-Kind	200.00	Provided lunch for Rice Roundtable Discussion meeting
Pioneer Seed	In-Kind	288.64	Volunteer time for planting and harvesting of corn variety demonstration.
Total Funding		\$80,338.79	

^aValue calculated using LSU AgCenter 2006 Enterprise Budgets, average cost of production of 1 acre of commodity less input not used plus value of average of 8 hours of volunteer work at \$18.04/hour and is approximate.

^bActual amount of grant.

2003-2004

Funding	Type	Value^a	Description
Gregory Farms	In-Kind	200.00	Use of building/electricity for Fungicide Workshop For East Carroll Parish soybean producers.
Tap Parker Farm	In-Kind	24,869.82	Use of farm for Cotton Variety Trial
Thornton Farms	In-Kind		Use of farm for Soybean Verification Program.
Herrington Farm	In-Kind	10,100.20	Use of farm for Liberty Link cotton demonstration.
East Carroll Parish Police Jury	In-Kind	200.00	Use of room for WPS Training.
Pioneer Seed	In-Kind	288.64	Volunteer time for planting and harvesting of corn variety demonstration.

Thom Farm	In-Kind	1,527.22	Use of farm for Soybean Variety Test
Terral AgriService	Monetary	200.00	Sponsor meal for 2004 Cotton/Corn Production Meeting and Pesticide Recertification Meeting.
Delta Bank	Monetary	200.00	Sponsor meal for 2004 Cotton/Corn Production Meeting and Pesticide Recertification Meeting.
Terral Seed	Monetary	200.00	Sponsor meal for 2004 Soybean/Rice Production Meeting and Pesticide Recertification Meeting
Bunge North America	Monetary	200.00	Sponsor meal for 2004 Soybean/Rice Production Meeting and Pesticide Recertification Meeting.
Raley Brothers	Monetary	200.00	Sponsor meal for 2004 Soybean/Rice Production Meeting and Pesticide Recertification Meeting.
Delta King Soybean Seed	Monetary	75.00	Sponsor coffee and donuts for 2004 Soybean/Rice Production Meeting and Pesticide Recertification Meeting.
Total Funding		\$46,050.38	

^aValue calculated using LSU AgCenter 2006 Enterprise Budgets, average cost of production of 1 acre of commodity less inputs not used plus value of average of 8 hours of volunteer work at \$18.04/hour.

PRESENTATIONS AT PROFESSIONAL AND CLIENTELE TARGETED CONFERENCES

2005-2006

Regional (Multi-State)

When Crops Become Weeds: Determining Critical Interference Period for Roundup Ready Cotton or Soybean. D.R. Lee, D. K. Miller, J. W. Wilcut, I.C. Burke, M.S. Mathews, and C. M Wilcut. Proc. Beltwide Cotton Conference. Beltwide Cotton Conference. San Antonio, TX 01/03/2006-01/06/2006.

When Crops Become Weeds: Determining Critical Interference Period for Roundup Ready Cotton or Soybean. D.R. Lee, D. K. Miller, J. W. Wilcut, I.C. Burke, M.S. Mathews, and C. M Wilcut. Proc. Southern Weed Science Society. Southern Weed Science Society Meeting San Antonio, TX. 01/24/2006-01/26/2006.

When Crops Become Weeds: Effects of Full Season Interference From Roundup Ready Cotton or Soybean. D.R. Lee, D. K. Miller, J. W. Wilcut, I.C. Burke, M.S. Mathews, and C. M Wilcut. Beltwide Cotton Conference, San Antonio, TX, Proc. Beltwide Cotton Conference. 01/03/2006-01/06/2006.

When Crops Become Weeds: Effects of Full Season Interference From Roundup Ready Cotton or Soybean. D.R. Lee, D. K. Miller, J. W. Wilcut, I.C. Burke, M.S. Mathews, and C. M Wilcut. Southern Weed Science Society, San Antonio, TX, Proc. Southern Weed Science Society Meeting. 01/23/2006-01/26/2006.

State

When Crops Become Weeds: Determining Critical Interference Period for Roundup Ready Cotton or Soybean. D.R. Lee, D. K. Miller, J. W. Wilcut, I.C. Burke, M.S. Mathews, and C. M Wilcut. Proc. Louisiana Agricultural Sciences Association. Louisiana Agricultural Sciences Association, Alexandria, LA.

When Crops Become Weeds: Effects of Full Season Interference From Roundup Ready Cotton or Soybean. D.R. Lee, D. K. Miller, J. W. Wilcut, I.C. Burke, M.S. Mathews, and C. M Wilcut. Louisiana Agricultural Sciences Association, Alexandria, LA. Proc. Louisiana Agricultural Science Association. 04/06/2006.

Multi-Parish

Principles of Weed Resistance Management. D.R. Lee, S. Kelly, R. Vargas and S. Wright. Louisiana Cotton Forum, Delhi, LA.

LSU AgCenter Demonstrations in East Carroll Parish, 2005. D.R. Lee. East Carroll Parish/Madison Parish Production Meeting, Tallulah, LA.

LSU AgCenter Demonstrations in East Carroll Parish, 2005. D.R. Lee and J.M. Rome. East Carroll Parish/Madison Parish Production Meeting, Tallulah, LA.

LSU AgCenter Demonstrations in East Carroll Parish in 2006. D. R. Lee. East Carroll Parish/Madison Parish Production Meeting, Tallulah, LA.

LSU AgCenter Demonstrations in Madison Parish in 2006. D.R. Lee and J.M. Rome. East Carroll Parish/Madison Parish Production Meeting, Tallulah, LA.

Local

Agricultural Topics for East Carroll Parish.
Presentation on demonstrations currently in place in East Carroll Parish along with hot topics for this growing season. Rotary Club, Lake Providence Country Club, Lake Providence, LA.

Fungicide Workshop
Blair Plantation/Brown Farms

Spray Tips and Fungicides. Presentation on proper selection of spray tips for fungicide applications.

2004-2005

Regional (Multi-State)

Glufosinate resistant cotton response to reduced rates of glyphosate. Lee, D. R., D. K. Miller, M. S. Mathews, A. M. Stewart, and B. R. Leonard. 2004 Proc. Beltwide Cotton Conf. 1:2936.

Glufosinate resistant cotton response to reduced rates of glyphosate. Lee, D. R., D. K. Miller, M. S. Mathews, A. M. Stewart, and B. R. Leonard. 2004. Proc. South. Weed Sci. Soc. 57:262.

Glyphosate-resistant cotton response to reduced rates of glufosinate. Lee, D. R., D. K. Miller, M. S. Mathews, A. M. Stewart, and B. R. Leonard. 2004. Proc. Beltwide Cotton Conf. 1:2937.

Glyphosate-resistant cotton response to reduced rates of glufosinate. Lee, D. R., D. K. Miller, M. S. Mathews, A. M. Stewart, and B. R. Leonard. 2004. Proc. South. Weed Sci. Soc. 57:261.

Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Mathews, M. S., D. K. Miller, D. R. Lee, E. Burris, J. W. Wilcut, and R. G. Downer. 2004. Proc. Beltwide Cotton Conf. 1:2934.

Broadleaf weed and early-season insect control with Envoke and insecticide co-applications. Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Proc. South. Weed Sci. Soc. 57:265.

Weed control in Roundup Ready Flex cotton. Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Proc. Beltwide Cotton Conf. 1:2940.

Weed control programs in Roundup Ready Flex cotton. Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Proc. South. Weed Sci. Soc. 57:264.

Reduced input weed control in Roundup Ready Cotton. Miller, D. K., M. S. Mathews, D. R. Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Proc. Beltwide Cotton Conf. 1:2938.

Reduced input weed control in Roundup Ready Cotton. Miller, D. K., M. S. Mathews, D. R. Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Proc. South. Weed Sci. Soc. 57:263.

State

Glufosinate-resistant cotton response to reduced rates of glyphosate.

Lee, D. R., D. K. Miller, M. S. Mathews, A. M. Stewart, and B. R. Leonard.
Louisiana Plant Protection Assoc. 1:70.

Glyphosate-resistant cotton response to reduced rates of glufosinate.

Lee, D. R., D. K. Miller, M. S. Mathews, A. M. Stewart, and B. R. Leonard. 2004.
Proc. Louisiana Plant Protection Assoc. 1:71.

Broadleaf weed and early-season insect control with Envoke as influenced by insecticide co-application. Mathews, M. S., D. K. Miller, D. R. Lee, J. W. Wilcut, E. Burris, and R. G. Downer. 2004. Proc. Louisiana Plant Protection Assoc. 1:66.

Weed control programs in Roundup Ready Flex cotton.

Miller, D. K., M. S. Mathews, and D. R. Lee. 2004. Proc. Louisiana Plant Protection Assoc. 1:74.

Reduced input weed control in Roundup Ready Cotton. Miller, D. K., M. S. Mathews, D. R.

Lee, J. W. Wilcut, P. R. Vidrine, and S. T. Kelly. 2004. Proc. Louisiana Plant Protection Assoc.1:72.

2003-2004

Regional (Multi-State)

Glufosinate-Resistant Cotton Response To Reduced Rates Of Glyphosate. D.R. Lee, D.K. Miller, M.S. Mathews, R.G. Downer, A.M. Stewart and B.R. Leonard. Beltwide Cotton Conference, San Antonio, TX, 01/06/2004.

Glyphosate-Resistant Cotton Response To Reduced Rates Of Glufosinate. D.R. Lee, D.K. Miller, M.S. Mathews, R.G. Downer, A.M. Stewart and B.R. Leonard. Beltwide Cotton Conference, San Antonio, TX, 01/06/2004.

Glufosinate-Resistant Cotton Response To Reduced Rates Of Glyphosate. D.R. Lee, D.K. Miller, M.S. Mathews, R.G. Downer, A.M. Stewart and B.R. Leonard. Southern Weed Science Society, Memphis, TN. 01/26/2004.

Glyphosate-Resistant Cotton Response To Reduced Rates Of Glufosinate. D.R. Lee, D.K. Miller, M.S. Mathews, R.G. Downer, A.M. Stewart and B.R. Leonard. Southern Weed Science Society, Memphis, TN. 01/26/2004.

Broadleaf Weed and Early Season Insect Control With Envoke and Insecticide Co-Applications. M.S. Mathews, D.K. Miller, D.R. Lee, J.W. Wilcut, E. Burris and R.G. Downer. Beltwide Cotton Conference, San Antonio, TX, 01/06/2004.

Reduced input weed control in roundup ready cotton. D.K. Miller, M.S. Mathews, D.R. Lee, J.W. Wilcut, P.R. Vidrine and S.T. Kelly. Beltwide Cotton Conference, San Antonio, TX, 01/06/2004.

Weed Control Programs In Roundup Ready Flex Cotton. D.K. Miller, M.S. Mathews and D.R. Lee. Beltwide Cotton Conference, San Antonio, TX. 01/06/2004.

Broadleaf Weed And Early Season Insect Control With Envoke And Insecticide Co-Applications. M.S. Mathews, D.K. Miller, D.R. Lee, J.W. Wilcut, E. Burris and R.G. Downer. Southern Weed Science Society, Memphis, TN. 01/06/2004.

Reduced input weed control in roundup ready cotton. D.K. Miller, M.S. Mathews, D.R. Lee, J.W. Wilcut, P.R. Vidrine and S.T. Kelly. Southern Weed Science Society. Memphis, TN. 01/26/2004.

State

Glufosinate-Resistant Cotton Response To Reduced Rates Of Glyphosate. D.R. Lee, D.K. Miller, M.S. Mathews, R.G. Downer, A.M. Stewart and B.R. Leonard. Louisiana Plant Protection Association, Baton Rouge, LA, 03/15/2004.

Glyphosate-resistant cotton response to reduced rates of glufosinate. D.R. Lee, D.K. Miller, M.S. Mathews, R.G. Downer, A.M. Stewart and B.R. Leonard. Louisiana Plant Protection Association, Baton Rouge, LA, 03/15/2004.

Reduced input weed control in roundup ready cotton. D.K. Miller, M.S. Mathews, D.R. Lee, J.W. Wilcut, P.R. Vidrine and S.T. Kelly. Louisiana Plant Protection Association, Baton Rouge, LA. 03/15/2004.

Weed Control Programs In Roundup Ready Flex Cotton. D.K. Miller, M.S. Mathews and D.R. Lee. Louisiana Plant Protection Association, Baton Rouge, LA, 03/15/2004.

Broadleaf Weed and Early Season Insect Control With Envoke and Insecticide Co-Applications. M.S. Mathews, D.K. Miller, D.R. Lee, J.W. Wilcut, E. Burris and R.G. Downer. Louisiana Plant Protection Association, Baton Rouge, LA, 03/15/2004.

Local

Weed Control Programs In Roundup Ready Flex Cotton. D.K. Miller, M.S. Mathews and D.R. Lee. Rotary Club, Lake Providence, LA.

PARTICIPATION IN AND LEADERSHIP OF PROFESSIONAL ORGANIZATIONS/COMMITTEES

Since becoming an Assistant Agent in 2003, Ms. Lee has been a member of the Louisiana County Agriculture Agents Association and serves on the Public Relations and Ag Issues Committee. Since 1999 she has been a member of the Louisiana Plant Protection Association and has served as secretary of that organization in 2004-2005 and 2005-2006. During the 2005-2006 year Ms. Lee was instrumental in organizing the merger of the Louisiana Plant Protection Association and Louisiana Association of Agronomist forming the Louisiana Agricultural Sciences Association. She is currently a member of the Louisiana Agricultural Consultants Association, Southern Weed Science Society, Tri State Soybean Board - Board Member, Northeast Louisiana Rice Growers Association, and Louisiana Farm Bureau.

Tri State Soybean Forum planning committee: Duties: procure funding, assisted in planning educational material and conducting program.

Ms. Lee has been a member of LCAAA since 2003 and currently serves on the Public Relations and Ag Issues Committee which serves the organization by informing other members of current legislation.

2006 Agronomy and Environmental Management Summit planning committee with responsibility in planning and hosting the event.

CONTINUED COURSEWORK, IN-SERVICE TRAINING, SABBATICALS, PROFESSIONAL IMPROVEMENT

Continued coursework

Ms. Lee is currently pursuing her Masters with a completion of 21 hours at Louisiana State University in Baton Rouge focusing on Agronomy. She is aware of the importance of her Master's Degree and is looking forward to its completion in the near future.

Some of the courses she has taken include:

- Extension Program Development (Extension 7122)
- Extension Program Evaluation (Extension 7622)
- Entomology (Entomology 4006)
- Introductory Weed Science (Agronomy 4070)
- Agronomy (Agronomy 7040)
- Plant Physiology (Horticulture 4012)
- Thesis

In-Service Training

Ms. Lee recognizes the need to remain current on all issues relating to agriculture, including governmental rules, regulations, and laws, technology, agronomics and potential issues for the future in order to develop and increase her knowledge and performance. With this in mind she has attended and participated in as many training sessions given by the LSU Ag Center and other professional agencies as possible.

Below is a partial list of training Ms. Lee has received:

- Quarterly Agent Training
- Cotton Training-Plant Growth Regulators
- Cotton Training-Insect Scouting Techniques
- Irrigation Meeting/Training
- Rice Verification-Weekly event within growing season for past three years
- Soybean Verification-Weekly event within growing season for previous two years
- Pecan Workshop
- Turfgrass Workshop
- Crop Insurance Training
- Corn Forums
- Cotton Forums
- Soybean Forums
- Rice Forums
- Tri State Soybean Forum
- Beltwide Cotton Conferences
- Dairy Workshop
- Northeast Research Station Field Day
- Rice Research Station Field Day
- Woodland Rice & Soybean Field Day
- Rice Verification Tour
- Soil Fertility Training
- Cotton Training-Herbicide Injury
- Asian Soybean Rust Training
- Terral Seed Field Day
- USDA Cotton Symposium
- Cotton Agents Training in Texas

Professional Improvement

Ms. Lee views the attendance of professional meetings and field days as opportunities to enhance her skills and attends as many as possible including national meetings such as Beltwide Cotton Conference. She has worked diligently to improve her professionalism and continuously

seeks suggestions and ideas on different subject matter from researchers, producers, coworkers and ag industry in order to stay abreast of changes and concerns. Ms. Lee is currently pursuing a Masters of Agronomy with a completion of 21 hours at Louisiana State University in Baton Rouge.

PARTICIPATION IN PUBLIC POLICY AND COMMUNITY ISSUES

Ms. Lee regularly attends police jury meetings to keep abreast of changes and policies. She was very active in encouraging producers to vote when the East Carroll Parish Extension Office asked residents to pass a millage to support the parish office since the police jury could no longer afford to support the office. She attends activities and events by all ag related industry to gain knowledge of the needs of the producer.

As a participant of Ag Expo/Ag Alley Ms. Lee is a part of the process which informs the community the importance of agricultural industry to North Louisiana.

Ms. Lee acts as an advisor to the Delta Highway 65 Tourism Corridor group whose sole purpose is to benefit the economy of the Louisiana Delta through tourism.

As a member of LCAAA Ms. Lee serves on the Public Relations and Ag Issues Committee whose purpose is to keep members current on issues of relevance and importance to agriculture within the state.

Ms. Lee is a member of Louisiana Farm Bureau and attends the convention in order to keep abreast of agricultural issues facing Louisiana farmers today.

AWARDS AND RECOGNITION

- LSU AgCenter Service Award – Ten Years
- Master Farmer Phase I and II Completion
- Certificate of Appreciation – Louisiana Soul Food and Heritage Festival
- Certificate of Completion – USDA Cotton Symposium

MULTI-INSTITUTION, AGENCY AND STATE COLLABORATION

Ms. Lee has worked closely with other agencies and institutions such as Farm Service Agency and USDA to enhance her educational programming and events to the producers of East Carroll Parish. Through these programs she has been able to strengthen her collaboration to help promote agriculture in East Carroll Parish and across the state of Louisiana.

Multi-Agency

Ms. Lee was part of Homeland Security's process to determine the sites within the parish that could become potential terrorist targets. Participants in this meeting were Farm Service Agency, Louisiana Department of Agriculture and Forestry (LDAF), LSU AgCenter, and Natural Resource Conservation Service (NRCS).

A small responsibility of all county agents is to serve on the Local Work Group which is comprised of FSA, NRCS, Southern University AgCenter, and LSU AgCenter employees. The purpose of this group is to set pricing for conservation programs administered by NRCS within the parish. Ms. Lee has for the past three years participated in this program.

Multi-State

Ms. Lee currently serves on the Tri-State Soybean Board which consists of university specialists and agents from three states, Arkansas, Mississippi and Louisiana. The purpose of this organization is to promote the production of soybean along with educating producers and interested persons on the most current production practices associated with soybean. In the past Ms. Lee, in conjunction with other board members, has been responsible for procuring funding and planning meetings.

SERVICE ACTIVITIES

Organizations Advised

Delta Highway 65 Tourism Corridor is a new organization whose purpose is to promote tourism in Northeast Louisiana along U. S. Highway 65. Ms. Lee has served as an advisor to this organization since its inception.

Ms. Lee has served for two years as secretary of the Louisiana Agricultural Sciences Association which includes taking an advisory role on occasion.

Ms. Lee was invited to serve as an advisor to the Delhi World Classic Livestock Show Board which she feels is an opportunity to recruit 4-Hers and improve participation of in 4-H.

University Service (department, region, station, parish, committee, etc.)

Ms. Lee's dedication to the LSU AgCenter and the residents of East Carroll Parish can be seen in the number of committees she serves on which are listed below:

State

Master Farmer Advisory Committee. The purpose of this committee is to advise the coordinators on issues which are functioning within the program and fine tune all other aspects of the program.

Region

Ag Alley Cotton Committee of Northeast Louisiana Ag Expo. Along with other members of the committee procured materials used for the Cotton Alley to demonstrate the many roles cotton plays in our lives to individuals who aren't aware of the many different uses of cotton. Also, had an active role in creating the posters which were displayed throughout the Cotton Alley.

Ag Expo - Horticulture Alley - Chair of the biology section of the horticulture alley which entailed the design and creation of that particular section along with Mike Rome. With other committee members, she supervised Delta Master Gardeners in demonstrating plant biology to students and general public.

Ag Expo - Rice Alley - Committee Chair. Designed, planned and implemented Rice Alley with other committee members. Demonstrated the importance of Louisiana rice including cultural practices, milling process, exportation, and nutritional value.

North Louisiana District Horse Show planning committee. This committee plans and executes the annual horse show. Ms. Lee's duties during the show are clerk and all around points.

Northeast Louisiana District Livestock Show planning committee. This committee plans and executes the district livestock show. Ms. Lee's duties in the past have been Assistant Superintendent of Dairy Show and creator of the PowerPoint Show for Banquet.

Soybean Forum Planning committee. This committee plans and hosts the forum. Ms. Lee's duties include: procure funding, plan agenda, advertise meeting, oral presentation.

Corn Forum Planning committee. This committee plans and hosts the forum. Ms. Lee's duties include: procure funding, plan agenda, advertise meeting, oral presentation.

Rice Forum Planning committee. This committee plans and hosts the forum. Ms. Lee's duties include: procure funding, plan agenda, advertise meeting, oral presentation.

Cotton Forum planning committee: This committee plans and hosts the forum. Ms. Lee's duties include: procure funding, plan agenda, advertise meeting, oral presentation.

Louisiana Delta 65 committee. Extension advisory.

Delhi World Classic Livestock Show Board member. Assist in planning and implementing show.

Parish

East Carroll Parish Agricultural Demonstration Field Day planning committee, chair. Planned educational program.

Volunteer with the East Carroll Cultural Tourism Initiative, a community based organization funded from the Kellogg Foundation to bring tolerance and acceptance of cultural differences to the community.

Professional Service

Louisiana County Agricultural Agents Association – member since 2003.

Ms. Lee has served as advisor to 4-H Agent Melissa Ogg by offering to Ms. Ogg the opportunity to collaborate with other agents in planning and promoting the Northeast Louisiana Showmanship Clinic. Ms. Ogg gained the ability to instruct other agents and specialists on programming which enhanced the quality of the clinic.

Other external and community service

Ms. Lee has participated with the following organizations:

- Louisiana Life Services – contributor
- Susan G. Komen Foundation – contributor
- East Carroll Parish 4-H – contributor
- Girl Scouts of America – contributor
- Relay for life – contributor
- American Red Cross volunteer for Hurricane Katrina evacuees