

---

# PROMOTION PACKET FOR JUSTIN DUFOUR

---

For consideration of promotion to Associate Agent



## ABBREVIATED CURRICULUM VITAE:

B.G.S. – Louisiana State University at Alexandria	Biology
<b>Academic Rank</b>	Assistant County Agent
<b>Years of Service</b>	6
<b>Publications:</b>	
Proceedings/Abstracts	NACAA: 1 ASA: 1
Mass Media Newspaper/Magazine Contributions	Avoyelles Parish Journal Articles: 19 Magazine Contributions: 3 (LA Farm & Ranch Magazine & LSU AgCenter Communications)
Other Extension Media	Social Media Posts: 12 (Avoyelles Parish LSU AgCenter Facebook Page)
<b>Poster Display Contributions</b>	
	ASA Annual Meeting: 2017 LCAAA AM/PIC: 2018 – State Winner LSU AgCenter Field Day EXPO: 2018 NACAA AM/PIC: 2019 – National Finalist
<b>Television/Video/Radio Interviews</b>	Television Interviews/Segments: 9 (KALB – Alexandria & LSU AgCenter Communications) Radio Programs: 7 (KAPB FM – Marksville)
<b>On-Farm Demonstration Trials</b>	59 total <ul style="list-style-type: none"> <li>• 46 variety strip trials (wheat, corn, grain sorghum, soybeans, cotton and sweet potatoes)</li> <li>• 6 Fungicide Efficacy Strip Trials (Corn, Wheat and Soybeans)</li> <li>• 2 years of Rice Verification Program</li> <li>• Sugarcane Irrigation Trial</li> <li>• 3 Fertility Strip Trials (Corn and Soybeans)</li> <li>• Soybean Strip Trial – Nematode Tolerance</li> </ul>
<b>Presentations:</b>	
Invited	Presentations Attended: 149
Agent Trainings	Collaborated with faculty and parish agent to organize and host 2019 Rolling Crops Interagency Field Tour in Avoyelles and St. Landry Parish.
Submitted	Presentations Given: 89
<b>External Funding:</b>	
Industry Support	Avoyelles Parish Police Jury Salary Support: \$162,000 (6 years – ANR agent and ½ Administrative Coordinator) Row Crop Production Meeting Meal Sponsorships: \$7,500 Grant and In-Kind Support: \$108,500 (land, equipment, and labor for demonstration trials)
<b>Committees:</b>	
Departmental and University/Professional	Avoyelles Parish ANR Advisory Committee Dean Lee Research Station Sugarcane Advisory Committee Avoyelles Parish 4-H Advisory Board Avoyelles Parish 4-H Livestock Advisory Committee

	Avoyelles Parish 4-H Foundation Board La School for Agricultural Sciences Advisory Board Louisiana Agriculture Consultants Association - Planning Committee Search Committees: 7 (Chaired 2)
--	--

## Table of Contents

Avoyelles Parish Overview .....	4
Education.....	5
Employment History .....	5
Documentation of Major Program Areas .....	6
Advisory Process and Critical Responsiveness .....	13
Innovative Teaching Methods, Knowledge and Application of New Technology .....	15
Program Delivery Effectiveness Demonstrated by Evaluation, Change, And Adoption... ..	15
Development and Presentation of Research-Based Materials .....	16
Publications (Print and Electronic).....	22
Mass Media and Electronic Outreach .....	22
Cooperation/Collaboration with Other Faculty .....	26
External Funding, Material Support and Grants.....	26
Presentations at Professional and Clientele Targeted Conferences.....	27
Participation in And Leadership of Professional Organizations/Committees.....	28
Continued Coursework, In-Service Training, Sabbaticals, Professional Improvement.....	28
Participation in Public Policy and Community Issues.....	31
Awards and Recognition .....	31
Multi-Institution, Agency, And State Collaboration .....	31
Other Scholarly or Creative Activities or Other Contributions to The Profession .....	32
Organizations Advised.....	32
University Service.....	33

**Justin Dufour**  
Avoyelles Parish LSU AgCenter

  
[jdufour@agcenter.lsu.edu](mailto:jdufour@agcenter.lsu.edu)

**Appointment:** 100% Extension  
**Requested Action:** Promotion from Assistant Extension Agent to Associate Extension Agent  
(Agriculture and Natural Resources)

### **AVOYELLES PARISH OVERVIEW**

Avoyelles Parish takes its name from The *Avoyels Indians* and is commemorative of both Native American and French Creole heritages. Avoyelles was founded in 1807 and is the crossroad for Cajun culture. The parish is in the geographical center of the state, has an area of 866 square miles, and has a population of approximately 40,000.

The parish has been traditionally known as a "Sportsman's Paradise" with abundant wildlife and fisheries, including 2 National Wildlife Refuges and numerous state Wildlife Management Areas.

Avoyelles Parish is also the origin of Louisiana 4-H. Established in 1908, Louisiana's first 4-H club, formerly known as the corn club, commenced at Moreauville High School. Avoyelles Parish remains one of the most diverse production areas in the Southern United States inclusive of 10 commodities with over 1,000 acres in production.

#### **2019 Avoyelles Parish Major Row Crop Acreage**

<b>Crop</b>	<b>Harvested Acres</b>
<i>Corn</i>	16,568
<i>Cotton</i>	3,940
<i>Grain Sorghum</i>	2,241
<i>Rice</i>	12,950
<i>Soybeans</i>	64,725
<i>Sweet Potatoes</i>	1,626
<i>Sugarcane</i>	15,275
<i>Wheat</i>	2,734

**Avoyelles Parish Five-Year Average Per Crop**

<b>Crop</b>	<b>Acres</b>	<b>Yield/Acre</b>
<i>Corn</i>	13,278	164.6 bu.
<i>Cotton</i>	3,880	756 lbs
<i>Grain Sorghum</i>	10,736	87 bu.
<i>Rice</i>	13,117	68.8 cwt.
<i>Soybeans</i>	77,438	41.2 bu
<i>Sweet Potatoes</i>	1,663	329 bu.
<i>Sugarcane</i>	10,355	7,737 lbs
<i>Wheat</i>	2,085	46.2 bu.

**EDUCATION**

- Master of Science - Plant, Environmental Management and Soil Sciences, Louisiana State University, August 2015 – Present
- Bachelor of General Studies-Biology, Louisiana State University at Alexandria, August 2009 – December 2013

**EMPLOYMENT HISTORY**

- April 2014 – Present: LSU AgCenter – LCES
  - Assistant Extension Agent – ANR (October 2017 - Present)
    - Agronomic Row Crops
      - Avoyelles
      - Rapides
      - Grant
    - Avoyelles Parish Chair
  - Assistant Extension Agent – ANR (July 1, 2016 - October 2017)
    - Avoyelles Parish
      - Agronomic Row Crops
      - Horticulture
      - Forestry
      - Animal Science
  - Extension Associate – ANR (April 2014 – June 30, 2016)
    - Avoyelles Parish
      - Agronomic Row Crops

- Horticulture
  - Forestry
  - Animal Science
- January 2014 – April 2014: LSU AgCenter – Dean Lee Research Station
    - Research Associate
      - Soybean Research Program
  - May 2009 – January 2014: LSU AgCenter – Dean Lee Research Station
    - Student Worker
      - Weed Science Program

## **DOCUMENTATION OF MAJOR PROGRAM AREAS AND INITIATIVES**

Throughout his tenure, Mr. Dufour has consistently worked in various aspects of agriculture and natural resources providing programs and services in row crop production, horticulture, aquaculture and livestock production. Mr. Dufour began as an Extension Associate where he provided services to the residents of Avoyelles Parish inclusive of all plant, animal, and wildlife enterprises as well as natural resources. In 2017, Mr. Dufour was promoted to assistant rank. The following year Mr. Dufour was assigned to two additional parishes, Grant and Rapides, and his job responsibilities were focused on crop and commercial vegetable production. This format change of responsibilities within the AgCenter led to more collaboration among agents that had responsibilities in Avoyelles Parish. Mr. Dufour continued to work with agents and specialists to serve Avoyelles Parish clientele needs. Mr. Dufour utilizes multiple delivery methods based on clientele and stakeholder needs such as demonstration plots, presentations, site visits, email and phone call correspondence, and media releases. Mr. Dufour ensures relevant work is being done and bases his extension programming derived from advisory board meeting recommendations, which are held annually.

### **Agronomic Crop Demonstration Plots**

Since 2015, Mr. Dufour has organized and implemented several on farm demonstration trials in Avoyelles, Rapides, and Grant Parishes within soybeans, corn, wheat, cotton, grain sorghum, rice, sugarcane, and sweet potatoes. These plots serve as a multi-functional education program where producers can utilize information gathered and incorporate into their own productions through evaluation of varieties, products, and management practices. Core block results included the obtainment of crop yield and varietal performance and served as an aid for variety selection based on specific soil and growing conditions. Other demonstration trials involved evaluation of pesticides and/or variety resistance. This served producers and guided them to making informed decisions based on pest management strategies. Furthermore, cooperation between Mr. Dufour and farmers that participate in demonstration trials are essential for building working relationships, which can lead to a better understanding of stakeholder needs. Mr. Dufour has also participated in the rice verification program offered by the LSU AgCenter. This program offers weekly scheduled consultations with an AgCenter faculty member proficient in rice production

with a rice producer in the participating Parish. The program is offered for two consecutive growing seasons and allows for the participating producer to receive consultation and recommendations.

<b>2015</b>	<u>Cooperator</u>	<u>Type of Demonstration</u>	<u>LSU AgCenter Personnel</u>
	JK Bordelon	Corn Hybrid Core Block	Dr. Dan Fromme
	Randy McGhee	Corn Hybrid Core Block	Dr. Dan Fromme
	Jeffrey Bordelon	MG IV Soybean Variety Trial	Dr. Ron Levy
	Jeffrey Bordelon	MG V Soybean Variety Trial	Dr. Ron Levy
	Adam Lemoine	Cotton Variety Trial	Dr. Dan Fromme
	Trent Clark	Cotton Variety Trial	Dr. Dan Fromme
	Mike Mitchel	Sweet Potato Variety Trial	Dr. Don Labonte
	JK Bordelon	Soybean Fungicide Trial	Dr. Boyd Padgett

#### **2016**

	Jeffrey Bordelon	Wheat Variety Trial	Dr. Boyd Padgett
	Jeffrey Bordelon	Grain Sorghum Variety Trial	Dr. Dan Fromme
	Jeffrey Bordelon	MG IV Soybean Variety Trial	Dr. Ron Levy
	Adam Lemoine	Cotton Variety Trial	Dr. Dan Fromme
	Trent Clark	Cotton Variety Trial	Dr. Dan Fromme
	Jeffrey Bordelon	MG V Soybean Variety Trial	Dr. Ron Levy

#### **2017**

	Adam Lemoine	Corn Hybrid Core Block	Dr. Dan Fromme
	Adam Lemoine	Corn Nitrogen Trial	Dr. Dan Fromme
	Jeffrey Bordelon	Corn Hybrid Core Block	Dr. Dan Fromme
	Randy McGhee	Corn Hybrid Core Block	Dr. Dan Fromme
	Adam Lemoine	Grain Sorghum Variety Trial	Dr. Dan Fromme
	Jeffrey Bordelon	Grain Sorghum Variety Trial	Dr. Dan Fromme
	Jeffrey Bordelon	MG IV Soybean Variety Trial	Dr. Ron Levy
	Adam Lemoine	Cotton Variety Trial	Dr. Dan Fromme
	Fred Collins	Cotton Variety Trial	Dr. Dan Fromme
	Jeffrey Bordelon	MG V Soybean Variety Trial	Dr. Ron Levy
	Trent Clark	Cotton Variety Trial	Dr. Dan Fromme
	Adam Lemoine	MG V Soybean Variety Trial	Dr. Ron Levy
	Kevin Lacour	Rice Verification Program	Dr. Dustin Harrell

#### **2018**

	Adam Lemoine	Wheat Fungicide Trial	Dr. Todd Spivey
	Adam Lemoine	Corn Hybrid Core Block	Dr. Dan Fromme
	Jeffrey Bordelon	Grain Sorghum Variety Trial	Dr. Dan Fromme
	Eddie Gatlin	Corn Hybrid Core Block	Dr. Dan Fromme
	Jeffrey Bordelon	MG IV Soybean Variety Trial	Dr. Todd Spivey
	Adam Lemoine	Cotton Variety Trial	Dr. Dan Fromme



Adam Lemoine	MG V Soybean Variety Trial	Dr. Boyd Pagett
Fred Collins	Cotton Variety Trial	Dr. Dan Fromme
Kevin Lacour	Rice Verification Program	Dr. Dustin Harrell

## 2019

Jason Gauthier	Wheat Fungicide Trial	Dr. Boyd Padgett
Jeffrey Bordelon	Corn Hybrid Core Block	Dr. Dan Fromme
Jeffrey Bordelon	MG IV Soybean Variety Trial	Dr. Boyd Padgett
Adam Lemoine	Cotton Variety Trial	Dr. Dan Fromme
James Deshotel	Sweet Potato Variety Trial	Dr. Don Labonte
Fred Collins	MG IV Soybean Variety Trial	Dr. Boyd Padgett
Jeffrey Bordelon	MG V Soybean Variety Trial	Dr. Boyd Padgett
Trevor Verzwylt	Cotton Variety Trial	Dr. Dan Fromme
Trent Clark	Cotton Seed Treatment Strip Trial	Dr. Sebe Brown

## 2020

Jeffrey Bordelon	Wheat Variety Trial	Dr. Boyd Padgett
Trevor Verzwylt	Corn Hybrid Core Block	Dr. Dan Fromme
Jeffrey Bordelon	Corn Hybrid Core Block	Dr. Dan Fromme
Jeffrey Bordelon	MG IV Soybean Variety Trial	Dr. David Moseley
Fred Collins	Soybean Variety Strip Trial – Nematode Tolerance	Dr. Boyd Padgett
Adam Lemoine	P&K Fertility Strip Trial	Dr. Rasel Parvej
Dylan Bordelon	MG V Soybean Variety Trial	Dr. David Moseley
James Deshotel	Sweet Potato Variety Trial	Dr. Don Labonte
Harper Farms	Sugarcane Irrigation Trial	Dr. Kenneth Gravois/ Dr. Stacia Davis-Conger
Jeffrey Bordelon	MG V Soybean Variety Trial	Dr. David Moseley

## Grower Production Meetings

For the past 6 years Mr. Dufour has been responsible for organizing and hosting a variety of production meetings in both Avoyelles and Rapides Parishes. These seminars are catered to informing producers and clientele of row crop research being done at the LSU AgCenter. These production meetings also serve as an opportunity for research and extension faculty and specialists to present educational information through presentations, which can lead to adoption of management recommendations. Typically, the topics covered encompass a thorough cross section of information pertaining to best management practices in pest management, fertility, general agronomy, and economics. Due to the abundant diversity in crop production in Avoyelles and Rapides Parishes, Mr. Dufour offers meetings classified by the crops being covered. Mr. Dufour has also assisted LSU AgCenter personnel with hosting the Annual State Sweet Potato Meeting from 2015 – 2020.

Meeting	Years Offered	Average Attendance	Topics Covered
Avoyelles Parish Soybean, Cotton, and Feed Grain Production Meeting	2015 2016 2017 2018 2019 2020	60	<ul style="list-style-type: none"> <li>• Corn Hybrid Selection</li> <li>• Cotton Variety Selection</li> <li>• Grain Sorghum Production</li> <li>• Weed Management</li> <li>• Insect Pest Management</li> <li>• Disease Management</li> <li>• Soybean Agronomics</li> <li>• Production Economics</li> </ul>
Rapides Parish Soybean, Cotton, and Feed Grain Production Meeting	2018 2019	65	<ul style="list-style-type: none"> <li>• Corn Hybrid Selection</li> <li>• Cotton Variety Selection</li> <li>• Grain Sorghum Production</li> <li>• Weed Management</li> <li>• Insect Pest Management</li> <li>• Disease Management</li> <li>• Soybean Agronomics</li> <li>• Production Economics</li> </ul>
Avoyelles and Rapides Parish Rice Production Clinic	2015 2016 2017 2018 2019 2020	31	<ul style="list-style-type: none"> <li>• Fertility</li> <li>• Breeding Updates</li> <li>• Disease Management</li> <li>• Insect Pest Management</li> <li>• Weed Management</li> <li>• Production Economics</li> </ul>
Avoyelles and Rapides Parish	2015 2016	45	<ul style="list-style-type: none"> <li>• Variety Performance</li> </ul>

Sugarcane Production Meeting	2017 2018 2019 2020		<ul style="list-style-type: none"> <li>• Disease Management</li> <li>• Insect Pest Management</li> <li>• Weed Management</li> <li>• Breeding Updates</li> <li>• Production Economics</li> </ul>
Avoyelles and Rapides Parish Sugarcane Fall Planting Meeting	2015 2016 2017 2018 2019	34	<ul style="list-style-type: none"> <li>• Variety Recommendations</li> <li>• At-Planting Disease Management</li> <li>• Fall Weed Management</li> <li>• Insect Pest Management</li> </ul>
CenLa Crops and Cattle Forum	2019 2020	58	<ul style="list-style-type: none"> <li>• Corn, Soybean and Cotton Variety Performance and General Production Recommendations</li> <li>• Weed Management in Row Crops</li> <li>• Disease Management in Row Crops</li> <li>• Insect Pest Management</li> <li>• Pasture Weed Control</li> <li>• Cattle Herd Management</li> <li>• Cattle Fertility</li> </ul>

In addition to annual meetings, Mr. Dufour has also arranged informational meetings at the request of stakeholders regarding specific topics. In the Summer of 2016, Mr. Dufour collaborated with LSU AgCenter faculty and Louisiana Department of Agriculture and Forestry personnel to offer an educational seminar focused on feral hogs in Avoyelles Parish. The meeting drew approximately 70 people from throughout the state and informed clientele of the

research being done and regulations in place regarding feral hog control. Furthermore, Mr. Dufour offered a Grain Sorghum Symposium in November of 2018 at the request of producers that drew approximately 45 people. The purpose of the meeting was to educate producers and industry professionals about grain sorghum production and economics.

### Crops and Cattle Forum

In 2019, Mr. Dufour established and organized an inaugural program called the CenLa Crops and Cattle Forum to replace the Rapides Parish Cotton, Soybean, and Feed Grain Production Meeting. The Crops and Cattle Forum would serve as a regional education opportunity for stakeholders to attend that highlighted cattle and crop research, most of which is done on the nearby Dean Lee Research Station. Mr. Dufour collaborated with faculty to ensure a meaningful, relevant dialogue for participants. The meeting also served as an advertisement for stakeholders to become more informed about the Dean Lee Research Station.

### Pesticide Programs

Mr. Dufour has consistently worked with private pesticide applicators in Avoyelles, Rapides, and Grant Parishes by offering annual recertification meetings that serve as an educational seminar for certified applicators. During these meetings Mr. Dufour presents recommended practices when mixing and/or applying restricted use pesticides, methods for minimizing drift and other important information regarding the regulations of federal and state agencies. Once the meeting is concluded, certified applicators can renew their license which certifies compliance with Environmental Protection Agency standards and LDAF regulations. In addition to production meetings, which also serve as a recertification opportunity, Mr. Dufour has offered 20 recertification meetings to private pesticide applicators across Avoyelles, Rapides, and Grant Parishes since 2014. On average, Mr. Dufour recertifies 85 – 180 applicators per year.

Mr. Dufour has also collaborated with the state pesticide safety coordinator to offer multiple pesticide certification classes in both Avoyelles and Rapides. These classes inform prospective certified applicators of the information they will be tested on in order to receive their private applicators certification.

Furthermore, Mr. Dufour is a certified trainer for Workers and Handlers. This allows Mr. Dufour to conduct training for agricultural establishment employees in which they can be certified to work on a farm and/or mix, handle, and load certain restricted use pesticides. Since 2014, Mr. Dufour has trained 26 workers and handlers.

### Agriculture Presentations

Throughout his time, Mr. Dufour has given an assortment of presentations advocating and informing citizens about Avoyelles Parish agriculture. This is inclusive of guest speaking engagements to the Bunkie Lion's Club, Rotary Club of Avoyelles, Avoyelles Parish Police Jury and several area garden clubs. Mr. Dufour highlights the economic impact agriculture has on the parish while also giving insight to crop specific productions. In addition, Mr. Dufour has covered

topics in vegetable gardening pertaining to weed management, insect management, cultivar selection, and general best management practices. Mr. Dufour has also been a guest lecturer at the Louisiana School for Agricultural Sciences where he discussed biotechnology in agriculture and Louisiana State University where he gave insight being an extension agent.

### Agronomic Site Visits

Since 2014, Mr. Dufour has accompanied LSU AgCenter crop and pest specialist on a variety of field visits involving consultations throughout multiple crops. Mr. Dufour works diligently with crop service providers and certified crop advisers to establish open communication and collaboration with LSU AgCenter faculty. Mr. Dufour has consistently recommended practices based off data gathered from crop research done at LSU AgCenter research stations and reputable extension programs.

### Horticulture

Mr. Dufour has been responsible for assisting homeowners with residential horticulture inquiries including lawns, vegetable gardens, ornamental landscapes, fruit trees, ponds, and shade trees. He has made numerous site visits across Avoyelles Parish to better assess certain situations and circumstances, to provide consultations and recommendations based on university research. Furthermore, Mr. Dufour fields phone calls and emails to address common issues residents face and provides information in a timely manner.

### Livestock

Mr. Dufour has worked with livestock and forage producers in Avoyelles Parish to enhance production. This is inclusive of recommending forage varieties, seeding rates, planting dates and general fertility. Mr. Dufour has also made numerous site visits to examine pest issues that compromised forage growth and made recommendations based off university research. Mr. Dufour has also collaborated with AgCenter faculty and specialists from the LSU School of Veterinary Medicine to receive guidance and mentorship in the event Mr. Dufour is uninformed regarding a topic.

### Aquaculture

Mr. Dufour has assisted crawfish producers, both commercial and small scale, in Avoyelles Parish with production management. This includes forage recommendations, population management, water sampling and general best management practices. Mr. Dufour has also provided consultation to residential fishponds regarding stocking rates, weed and algae control, soil and water sampling, and general best management practices.

### Ag Summary

Since 2014, Mr. Dufour has provided LSU AgCenter faculty with data representative of production across plant, animal and wildlife and fisheries enterprises within Avoyelles Parish, which is published in an annual report called Ag Summary. This publication serves as a general resource to multiple agencies and firms by providing production amounts, average yields, and, most importantly, economic impacts.

### United States Department of Agriculture Weekly Crop Status Report

Mr. Dufour has assisted with USDA's crop report by participating in a weekly survey that gives insight on planting status, growth stage, and overall health of all crops grown in Avoyelles Parish. Mr. Dufour also began inputting crop status reports for Rapides and Grant Parish in 2017, when his responsibilities broadened area-wise. These reports are published for clientele and industry professionals to review and serve as a vital resource for stakeholders and other agencies.

### 4-H Program Support

Mr. Dufour has been fully supportive of parish, regional, and state 4-H programming. Mr. Dufour assists with the Avoyelles Parish Livestock Show yearly and has served as showmanship judge for rabbits and poultry. Mr. Dufour has also trained 4-H members in Plant Science for 4-H University for 5 years. Furthermore, Mr. Dufour has served as a trainer in Plant Science during state training for 4-H University for 3 years. Mr. Dufour has also assisted with the regional event Ag Magic CenLa, where he served as an instructor for the agronomy section of the tour which provided students with an educational presentation and demonstration about cotton production in Louisiana and how it is ginned.

### Parish Chair

Mr. Dufour applied and was given responsibility as parish chair in Avoyelles Parish in 2017. He maintains responsibility for being the administrative point of contact for 3 LSU AgCenter employees. Mr. Dufour is also responsible for executing performance evaluations of these 3 employees on an annual basis. Mr. Dufour has been responsible for renewing 2 memoranda of understandings for ANR, 4-H and FCS programming. This involves going before the school board members and police jury members and requesting the continuation of funding for each respective program. Mr. Dufour has maintained sufficient funding for ANR programming and has been successful in requesting and receiving an increase in 4-H programming.

## **ADVISORY PROCESS AND CRITICAL ISSUE RESPONSIVENESS**

The Avoyelles Parish advisory committee is comprised of the parish Farm Bureau Board of Directors. Every commodity produced in the parish is accounted for throughout the Board. This

gives Mr. Dufour a thorough understanding of the needs of stakeholder and clientele groups. The advisory board meets annually and provides recommendations for programming. In the past, the Board recommended Mr. Dufour continue participating in farm demonstration trials as this serves as critical information for the farmers of Avoyelles Parish regarding variety selections.

Additionally, advisory input included that Mr. Dufour continue outreach methods by organizing and hosting production meetings that keep producers informed on integrated pest management strategies and best management practices in row crop production. Furthermore, the advisory board has asked Mr. Dufour to continue serving as a resource to residential clientele by addressing common issues and recommended practices associated. In 2019 the Board requested that Mr. Dufour work with AgCenter faculty in establishing programming that would assist young farmers in becoming more sufficient in agriculture economics. As a response, Mr. Dufour collaborated with AgCenter economics faculty to establish a meeting regarding the subject matter. Additionally, Mr. Dufour was asked to evaluate nematode-resistant soybean varieties. As a response, Mr. Dufour collaborated with established a demonstration trial inclusive of multiple soybean varieties that are documented to withstand a moderate amount of damage caused by nematodes.

In the Summer of 2018, sugarcane producers in Rapides and Avoyelles Parish suggested the need for more thorough research to be done in sugarcane. In collaboration with LSU AgCenter faculty, Mr. Dufour was tasked with organizing a sugarcane advisory committee composed of area sugarcane producers, LSU AgCenter administration, and LSU AgCenter sugarcane specialists. In September of 2018, Mr. Dufour coordinated and hosted an advisory meeting where producers discussed common issues faced with producing sugarcane in Central Louisiana, suggested objectives, and collaborated with AgCenter personnel for resource support. After discussions took place, the LSU AgCenter reached a cooperative agreement with the American Sugarcane League to assist with funding for small-scaled sugarcane research at the Dean Lee Research Station in Alexandria, La. Currently the AgCenter has established a cold-tolerance test with plans to incorporate more trials in the future pertaining to weed management, disease management techniques and breeding. Mr. Dufour currently still heads the advisory committee, which meets annually to inform the committee of research status reports and feedback regarding future work.

In the Fall of 2018, Mr. Dufour was approached by grain sorghum producers in Avoyelles Parish who requested we have an educational meeting about grain sorghum production and economic feasibility. Since 2014, grain sorghum acreage has decreased 83%. As a response, Mr. Dufour collaborated with AgCenter faculty including the State Grain Sorghum Specialist and State Agriculture Economist to present relative information to attendees. A representative from the Sorghum Checkoff Program was also included in the meeting to give insight on production and the checkoff program.

## **INNOVATIVE TEACHING METHODS, KNOWLEDGE AND APPLICATION OF NEW TECHNOLOGY**

In addition to production meetings, Mr. Dufour utilizes several delivery methods for communication with clientele and stakeholders within the areas he covers. One technique includes a crop-specific email listserv that was created by Mr. Dufour to deliver relevant information to appropriate producers or industry professionals. The information distributed includes pest alerts, best management practices, variety performance, and other agriculture news releases. Another method is the publication of newspaper articles in Avoyelles Parish that serve as informative public service announcements relative to seasonal activities or pest related issues. Mr. Dufour has also participated in television and radio segments that serve as a teaching method to clientele of relevant information and recommendations based off university research. Segments included information on vegetable gardening and general horticulture tips and resources.

## **PROGRAM DELIVERY EFFECTIVENESS DEMONSTRATED BY EVALUATION, CHANGE, AND ADOPTION**

Mr. Dufour's conduction of demonstration trials and organization of production meetings are well received by producers. Since 2015, Mr. Dufour has executed 59 demonstration trials with 15 cooperators. It is well documented by Mr. Dufour that producers are thankful for the vital information received at production meetings. Furthermore, a measure of adoption, by producer, is the amount of requests Mr. Dufour receives annually for crop-specific publications that the AgCenter produces regarding variety information obtained through demonstration trials. Another detection of effectiveness is Mr. Dufour's advisory committee requests for both programs to be continued annually. Mr. Dufour also composed an evaluation survey for 2 prominent programs within his coverage area:

### Sugarcane Extension Programs in Avoyelles and Rapides Parish

- 100% of participants (11) Agree or Strongly Agree that:
  - They utilize information presented by the LSU AgCenter faculty at parish production meetings.
  - They have confidence that the sugarcane variety program is meeting their needs as a producer
  - They have confidence that sugarcane variety information is made available in a timely manner

### Soybean Extension Programs in Avoyelles, Rapides, and Grant Parish

- 100% of participants (14) Agree or Strongly Agree that:
  - They utilize information presented by LSU AgCenter faculty at parish production meetings.



- They have confidence that the soybean official variety trials are meeting their needs as a producer.
- They have confidence that data obtained through on-farm demonstration trials aid in their variety selection process.

## DEVELOPMENT AND PRESENTATION OF RESEARCH-BASED MATERIALS

Mr. Dufour has developed and offered several presentations to a variety of clientele groups since 2014. He understands the importance of delivering accurate and relevant information to stakeholders in a clear, concise manner while establishing a conducive learning environment. In addition to meeting presentations and informative interviews, Mr. Dufour has also participated in demonstrations such as being an instructor for the 4-H Ag Magic program offered to youth of Louisiana. This program was inclusive of Mr. Dufour talking about the cotton industry in Louisiana and demonstrating how cotton is ginned by using a small-scale cotton gin to over 500 youth for 2 consecutive years.

Topic	Meeting	Date	Location
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	7/22/2014	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	8/26/2014	Marksville, LA
Nature Trail Guide – Native Tree Identification	National American Indian Alaska Native Tourism Association Annual Conference	9/15/2014	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	11/25/2014	Marksville, LA
ARC/PLC Selection Tool	FSA Farm Bill Training	12/08/2014	Mansura, LA
ARC/PLC Selection Tool	FSA Farm Bill Training	12/18/2014	Effie, LA
WPS and Drift Mgt.	Avoyelles and Rapides Rice Production Clinic	01/05/2015	Mansura, LA
WPS and Drift Mgt.	Avoyelles Parish Cotton, Soybean and Feed Grain Clinic	01/23/2015	Mansura, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	1/27/2015	Marksville, LA

WPS and Drift Mgt.	Avoyelles and Rapides Parish Sugarcane Production Meeting	02/18/2015	Alexandria, LA
WPS and Drift Mgt.	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	03/19/2015	Mansura, LA
Vegetable Gardening	Oakmont Assisted Living Facility	03/25/2015	Marksville, LA
WPS and Drift Mgt.	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	03/26/2015	Mansura, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	03/31/2015	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	04/28/2015	Marksville, LA
Vegetable Gardening	Oakmont Assisted Living Facility	04/30/2015	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	05/26/2015	Marksville, LA
Field Tour Guide	Rice Research Station Field Day	07/01/2015	Crowley, LA
Agriculture Update	Avoyelles Parish Police Jury	07/14/2015	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	07/28/2015	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	09/29/2015	Marksville, LA
Soil Sampling	Marksville Garden Club	10/8/2015	Marksville, LA
WPS and Drift Mgt.	Avoyelles and Rapides Rice Production Clinic	01/19/2016	Mansura, LA
WPS and Drift Mgt.	Avoyelles Parish Cotton, Soybean and Feed Grain Clinic	01/26/2016	Mansura, LA

WPS and Drift Mgt.	Avoyelles and Rapides Parish Sugarcane Production Meeting	02/15/2016	Alexandria, LA
WPS and Drift Mgt.	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	02/17/2016	Mansura, LA
Vegetable Gardening	Vick Baptist Church Garden Club	03/15/2016	Vick, LA
WPS and Drift Mgt.	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	03/16/2016	Mansura, LA
Vegetable Gardening	Oakmont Assisted Living Facility	03/22/2016	Marksville, LA
Crop Status	Avoyelles Parish FSA County Emergency Board	03/23/2016	Marksville, LA
Certification	WPS Handler/Worker Training	03/29/2016	Mansura, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	03/29/2015	Marksville, LA
Biotechnology and It's Use in Agriculture	Louisiana School for Agricultural Sciences 7 <sup>th</sup> & 8 <sup>th</sup> Grade	04/06/2016	Bunkie, LA
Home Gardening	Avoyelles Council on Aging	04/25/2016	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	04/26/2016	Marksville, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	05/31/2016	Marksville, LA
Field Tour Guide	Rice Research Station Field Day	06/29/2016	Crowley, LA
Avoyelles Parish Agriculture Overview	Bunkie Lions Club	07/25/2016	Bunkie, La
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	09/27/2016	Marksville, LA

WPS and Drift Mgt.	Avoyelles Parish Cotton, Soybean and Feed Grain Clinic	01/12/2017	Mansura, LA
WPS and Drift Mgt.	Avoyelles and Rapides Rice Production Clinic	01/17/2017	Alexandria, LA
Certification	WPS Handler/Worker Training	02/07/2017	Mansura, LA
WPS and Drift Mgt.	Avoyelles and Rapides Parish Sugarcane Production Meeting	02/14/2017	Alexandria, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	02/15/2017	Mansura, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	03/28/2017	Marksville, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	03/29/2017	Mansura, LA
Field Tour Guide	Rice Research Station Field Day	06/28/2017	Crowley, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	07/25/2017	Marksville, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Cotton, Soybean and Feed Grain Clinic	01/08/2018	Mansura, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Rapides Parish Cotton, Soybean and Feed Grain Clinic	01/18/2018	Alexandria, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles and Rapides Parish Sugarcane Production Meeting	01/23/2018	Bunkie, LA
WPS, Drift Mgt., Record Keeping,	Avoyelles and Rapides Parish Rice Production Clinic	02/01/2018	Mansura, LA

Labeling Pollinator Protection			
LSU AgCenter Agronomy	Grant Parish Police Jury	02/08/2018	Colfax, LA
Avoyelles Rice Update	CenLa Rice Growers Association Meeting	02/21/2018	Bunkie, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	02/21/2018	Mansura, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Rapides Parish Private Pesticide Applicator License Recertification Meeting	02/22/2018	Alexandria, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	03/21/2018	Mansura, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Rapides Parish Private Pesticide Applicator License Recertification Meeting	03/22/2018	Alexandria, LA
Field Tour Guide	Rice Research Station Field Day	06/27/2018	Crowley, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	07/31/2018	Marksville, LA
Louisiana Cotton and How It's Ginned	Ag Magic CenLa	10/14-10/15/2018	Alexandria, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Cotton, Soybean and Feed Grain Clinic	01/15/2019	Mansura, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles and Rapides Parish Sugarcane Production Meeting	02/19/2019	Bunkie, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles and Rapides Parish Rice Production Clinic	02/21/2019	Mansura, LA

WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	CenLa Crops and Cattle Forum	02/26/2019	Alexandria, LA
Certification	WPS Handler/Worker Training	03/04/2019	Vick, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Private Pesticide Applicator License Recertification Meeting	03/13/2019	Mansura, LA
Vegetable Gardening	Oakmont Assisted Living Facility	03/27/2019	Marksville, LA
Certification	WPS Handler/Worker Training	04/16/2019	Bunkie, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	04/30/2019	Marksville, LA
Field Tour Guide	Rice Research Station Field Day	06/26/2019	Crowley, LA
Crop Update	Avoyelles Parish Farm Bureau Board of Directors Meeting	08/28/2019	Marksville, LA
Louisiana Cotton and How It's Ginned	Ag Magic CenLa	11/20-11/21/2019	Alexandria, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles and Rapides Parish Rice Production Clinic	01/14/2020	Alexandria, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles Parish Cotton, Soybean and Feed Grain Clinic	01/17/2020	Mansura, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	Avoyelles and Rapides Parish Sugarcane Production Meeting	02/06/2020	Bunkie, LA
Being an Extension Agent	LSU PLHL 4001	02/10/2020	Baton Rouge, LA
WPS, Drift Mgt., Record Keeping, Labeling Pollinator Protection	CenLa Crops and Cattle Forum	02/18/2020	Alexandria, LA

## **PUBLICATIONS (PRINT AND ELECTRONIC)**

Mr. Dufour has published a variety of monthly and quarterly columns within the Avoyelles Parish Journal and other media outlets. Since 2015, Mr. Dufour has been responsible for publishing 19 newspaper articles that discussed relevant agriculture and natural resources information. Mr. Dufour has also published an educational poster based on his thesis research project, which looked at corn spacing variability and corn emergence variability and its effect on yield.

## **MASS MEDIA AND ELECTRONIC OUTREACH**

Topic	Media	Date	Contribution
Pecan Phylloxera	Avoyelles Parish Journal	05/24/2014	Authored
Cotton Cushion Scale	Web & Social Media	08/06/2014	Authored
Black Spot on Roses	Web & Social Media	08/07/2014	Authored
Let's Talk Lichen	Web & Social Media	08/14/2014	Authored
Citrus Rust Mites	Web & Social Media	10/28/2014	Authored
Aphid Alert	Web & Social Media	02/13/2015	Authored
Avoyelles Parish Almanac – 2014 Avoyelles Agriculture Production Review	Avoyelles Parish Journal	02/18/2015	Authored
Wheat Disease	Web & Social Media	02/12/2015	Authored
March – The Month of Preparation	Avoyelles Parish Journal	03/18/2015	Authored
Fertilizer Side Dressing	Avoyelles Parish Journal	04/15/2015	Authored
Entomosporium Leaf Spot	Web & Social Media	05/13/2015	Authored
Friend or Foe? – Leaf Footed Bug	Web & Social Media	07/22/2015	Authored
Dectes Stem Borer	Web & Social Media	08/05/2015	Authored
Fall Horticulture Hint's	Avoyelles Parish Journal	10/03/2015	Authored

October To Do's	Avoyelles Parish Journal	10/17/2015	Authored
Asian Lady Beetles	Avoyelles Parish Journal	12/12/2015	Authored
Avoyelles Parish Almanac – 2015 Avoyelles Agriculture Production Review	Avoyelles Parish Journal	02/03/2016	Authored
March County Agent Report	Avoyelles KAPB FM	03/05/2016	Radio Segment
April County Agent Report	Avoyelles KAPB FM	04/02/2016	Radio Segment
Turkey Gnat Control	Web & Social Media	04/07/2016	Authored
Double Trouble: Twin Peaches	Web & Social Media	04/18/2016	Authored
May County Agent Report	Avoyelles KAPB FM	05/07/2016	Radio Segment
Assassin Bug vs Leaf-Footed Bug Nymph ID	Web & Social Media	05/30/2016	Authored
June County Agent Report	Avoyelles KAPB FM	06/04/2016	Radio Segment
July County Agent Report	Avoyelles KAPB FM	07/02/2016	Radio Segment
Feral Hog Meeting Announcement	Avoyelles Parish Journal	07/18/2016	Authored
August County Agent Report	Avoyelles KAPB FM	08/06/2016	Radio Segment
September County Agent Report	Avoyelles KAPB FM	09/03/2016	Radio Segment
Ag Agencies Expect Bad News for Parish Crops	Avoyelles Parish Journal	09/12/2016	News column discussing August flooding that had negative impacts on agriculture and plans for damage assessment. Contributed.
Lawn Burweed	Avoyelles Parish Journal	03/08/2017	Authored
Spring Rainstorms Did Not Cause Major	Avoyelles Parish Journal	07/07/2017	News column discussing above average spring rains



Problems for Avoyelles Farmers			and its impact on agriculture. Contributed.
Sweet Potato Grower Spotlight	Louisiana Farm and Ranch Magazine	10/01/2017	Contributed
Avoyelles Farmers Had 'Above Average' Year	Avoyelles Parish Journal	02/09/2018	Review of 2017 row crop production in Avoyelles. Contributed.
Avoyelles Parish Almanac – 2017 Avoyelles Agriculture Production Review	Avoyelles Parish Journal	02/15/2018	Authored
Home Garden Tips	KALB Jambalaya	05/24/2018	TV segment discussing the importance of soil sampling.
Home Garden Tips	KALB Good Day CenLa	05/25/2018	TV segment discussing the importance of soil sampling.
Home Garden Tips	KALB Jambalaya	06/28/2018	TV segment discussing identification and treatment of common vegetable garden diseases.
Home Garden Tips	KALB Good Day CenLa	06/29/2018	TV segment discussing identification and treatment of common vegetable garden diseases.
Home Garden Tips	KALB Jambalaya	07/19/2018	TV segment discussing armyworm identification and management in lawns and pastures.
Home Garden Tips	KALB Good Day CenLa	07/27/2018	TV segment discussing armyworm identification and management in lawns and pastures.

Webworms Earlier, More Numerous This Year	Avoyelles Parish Journal	08/05/2018	News column elaborating on common tree pest. Contributed.
Home Garden Tips	KALB Jambalaya	08/16/2018	TV segment discussing the identification and control of lichen on trees and shrubs.
Home Garden Tips	KALB Jambalaya	10/18/2018	TV segment discussing identification and management of common vegetable pests.
Cotton Update	Avoyelles Parish Journal	10/03/2018	News column elaborating on 2018 Avoyelles cotton crop. Contributed.
Soy Wars Leaves Farmers No Place to Store Beans	Avoyelles Parish Journal	10/17/2018	News column regarding the status of soybean harvest in Avoyelles. Contributed.
Avoyelles Parish Soybean Farmers Hurt by Weather, Politics.	Avoyelles Parish Journal	12/09/2018	News column discussing impacts on soybean production following an above average rainy harvest. Contributed.
The Williams Brothers Farm: An Example of Innovation and Self- Reliance	Louisiana Farm and Ranch Magazine	06/01/2019	Contributed.
Hurricane Barry Floodwaters Affecting Southwestern Crops	LSU AgCenter Communications	07/18/2019	Contributed.
Most Avoyelles Crops Have 'Average' Year	Avoyelles Parish Journal	11/28/2019	News column reviewing 2018 crop production in Avoyelles Parish. Contributed.
LSU AgCenter Crop and Planting Update	KALB Good Day CenLa	04/08/2020	TV segment updating crop status and

			programming amid COVID 19.
Louisiana Cotton Crop Planted; Going to be Small	LSU AgCenter Communications	06/01/2020	Contributed.
Sweet Potato Planting Wrapping Up in Louisiana	LSU AgCenter Communications	06/12/2020	Contributed.

## COOPERATION/COLLABORATION WITH OTHER FACULTY

Mr. Dufour collaborates constantly and consistently with LSU AgCenter faculty regarding programming and support. He regularly identifies producers to participate in demonstration trials that are investigated by AgCenter crop specialists in soybean, corn, cotton, rice, grain sorghum, sugarcane, sweet potatoes and wheat. This is inclusive of state agronomists, entomologists, pathologists, and weed scientists. He also collaborates with faculty to organize production meetings and arranges their participation where useful information is presented. This includes state agronomists, entomologists, pathologists, economists, and weed scientists. Mr. Dufour also communicates with specialists to receive research-based information regarding consultations and recommendations. Mr. Dufour has been thorough with cooperating with faculty regarding requests for information via surveys. This pertains to variety trends, planting and management practices, irrigation techniques, and damage assessments following a natural disaster. Additionally, Mr. Dufour collaborates with area agents that have ANR responsibilities in Avoyelles Parish, where he is domiciled. This includes forwarding questions to the area horticulturist, cattle specialist, and forestry agent.

## EXTERNAL FUNDING, MATERIAL SUPPORT AND GRANTS

Mr. Dufour has secured \$16,650 since 2014 in travel support for agronomic programming such as demonstration trials and verification programs, within his allocated areas. He has also received \$27,000 in monetary support annually from the Avoyelles Parish Police Jury in support of ANR programming. Mr. Dufour has also received \$7500 in monetary support since 2015 from agriculture industry companies through sponsorship of production meeting meals. In addition to monetary support, Mr. Dufour has acquired more than \$100,000 of in-kind support of producers participating in demonstration trials by donating land, equipment, labor, and other fixed costs associated with producing a crop.

Mr. Dufour secured a \$8,500 grant in 2017 to organize a youth-based learning opportunity regarding beautification of the Avoyelles Parish LSU AgCenter office. This grant allowed participants to have hands-on learning about forming landscape beds, identifying appropriate placement of ornamental plants, planting techniques, and future care.

<b>Title</b>	<b>Grantor</b>	<b>Start Date</b>	<b>End Date</b>
Avoyelles AgCenter Landscaping	National Mentor Program Year 6	4/1/2017	4/30/2017
<b>Funds Requested Total</b>	<b>Funds Received Total</b>	<b>Funds Received Applicable</b>	<b>Multi-State</b>
10000	8500		No
<b>Other Investigators</b>			
Esther Boe, Tina Goebel			
<b>Grant Description</b>			
In conjunction with National Day of Service. Youth spent three days; designed the beds, planted horticulture material, and taught about upkeep and maintenance.			

## PRESENTATIONS AT PROFESSIONAL AND CLIENTELE TARGETED CONFERENCES

Mr. Dufour has presented both presentations and posters at national and state professional conferences. His poster presentation consisted of his graduate student research project and was entered in County Agents Association Annual Meeting contest twice, where he finished 1<sup>st</sup> in state and was a national finalist. Mr. Dufour also presented weed science information at the Louisiana Agricultural Consultants Association Annual Meeting to consultants and industry professionals.

Topic	Meeting	Date	Location
Poster Presentation	American Society of Agronomy Annual Meeting	10/22 – 10/25/2017	Tampa, FL
Poster Presentation	Louisiana County Agricultural Agents Association Annual Meeting	06/04 – 06/05/2018	Ruston, LA
Poster Presentation	LSU AgCenter Field Day Expo	06/19/2018	Winnsboro, LA
Ragweed Parthenium Control Presentation	Louisiana Agricultural Consultants Association	02/12/2019	Marksville, LA
Poster Presentation	National Association of County	09/09 – 09/10/2019	Fort Wayne, IN

	Agricultural Agents Annual Meeting		
--	---------------------------------------	--	--

## **PARTICIPATION IN AND LEADERSHIP OF PROFESSIONAL ORGANIZATIONS/COMMITTEES**

Mr. Dufour participates in a variety of associations where leadership and organizational skills are improved. Professional development through training and annual meetings are also gained by his participation in these associations.

- Louisiana County Agricultural Agents Association
  - Member 2015 – Present
- National Agricultural County Agents Association
  - Member 2015 – Present
- Louisiana Agricultural Consultants Association
  - Member 2018 – Present
  - Planning committee member 2019 – Present

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

Topic	Meeting	Date	Location
Master of Science in Plant, Environmental Management and Soil Sciences	LSU Graduate School	08/2015 – Present	Baton Rouge, LA
AEEE 7122 – Program Development	LSU Graduate School	Fall 2017	Baton Rouge, LA
Weed Science	ANR Agent Training	06/22/2014	Alexandria, LA
Updates on IPM's and BMP's in Corn, Cotton, Soybeans and Grain Sorghum	Dean Lee Research Station Annual Field Day	07/16/2014 07/09/2015 07/13/2017	Alexandria, LA
	Field Day EXPO Agent Training	06/19/2018	Winnsboro, LA
		06/27/2019	Alexandria, LA
Interagency Collaboration Meeting	LSU AgCenter/NRCS Training	09/22/2014 12/17/2015 03/14/2018	Alexandria, LA
Updates on IPM's and BMP's in Sugarcane	Sugarcane Agent Training	10/14/2014 05/21/2015 05/19/2016	St. Gabriel, LA

		05/23/2018 05/15/2019	
Livestock	ANR Agent Training	10/15/2014 10/08/2015	Alexandria, LA
Fruit and Vegetable Production	LSU AgCenter Botanical Gardens Field Day	11/13/2014	Baton Rouge, LA
Updates on IPM's and BMP's in Sweet Potatoes	Annual State Sweet Potato Meeting	01/13/2015 01/18/2017  01/10/2018 01/09/2019 01/09/2020	Mansura, LA   Alexandria, LA
	National Sweet Potato Conference	01/20 – 01/22/2019	New Orleans, LA
Corn and Cotton	ANR Agent Training	03/08/2015	Alexandria, LA
Horticulture	ANR Agent Training	04/17/2015	Crowley, LA
Updates on IPM's and BMP's in Rice	Rice Agent Training	06/30/2015 06/28/2016 06/27/2017 06/26/2018 06/25/2019	Crowley, LA
General Row Crop Production	Louisiana Ag Consultants Association Annual Conference	02/17 – 02/19/2016 02/15 – 02/17/2017 02/14 – 02/16/2018 02/11 – 02/13/2019	Marksville, LA
	American Society of Agronomy Annual Meeting Louisiana Farm Bureau Annual Conference	10/22 – 10/26/2017  06/21 – 06/23/2019	Tampa, FL  New Orleans, LA
Feral Hogs	ANR Agent Training	05/31/2016	Alexandria, LA
Row Crop Production	Rolling Crops Field Tour	07/27/2016	Northeast Louisiana
Pecan Production	ANR Agent Training	09/16/2016	Breaux Bridge, LA
Forestry and Pond Mgt.	ANR Agent Training	12/01/2016	Alexandria, LA

Administrative and Programmatic Updates	LSU AgCenter Annual Conference	12/14/2016 12/12 – 12/13/2017 12/11 – 12/12/2018	Baton Rouge, LA
	Unit Head Meeting	11/05/2018 09/18/2019	Alexandria, LA
	Central Region PC and Coordinator Meeting	11/27/2018 04/30/2019 09/26/2019 02/19/2020	Alexandria, LA
OVT and Core Block Meeting	LSU AgCenter	03/07/2017 02/23/2018 08/06/2018 01/04/2019	Alexandria, LA
Program Information	LDAF Flood Recovery Program Meeting	07/25/2017	Bunkie, LA
ANR Recommissioning Meeting	LSU AgCenter Administrators	10/19/2017	Alexandria, LA
Pesticide Safety Program	ANR Agent Training	11/28/2017 11/14/2019	Alexandria, LA
Agriculture and Natural Resources Training and Professional Development	Louisiana County Agent Association Annual Conference	06/04 – 06/05/2018 06/02 – 06/05/2019	Ruston, LA New Iberia, LA
	Nation Association of County Agricultural Agent Annual Meeting	09/08 – 09/10/2019	Fort Wayne, IN
Irrigation	ANR Agent Training	06/12/2018	Alexandria, LA
Planning Committee	Louisiana Agriculture Consultants Association	10/26/2018	Alexandria, LA
Agriculture Industry Updates	LAIA Annual Conference	01/23/2019	Marksville, LA
Precision Agriculture Updates and Training	Digital Ag Conference	01/29/2019 01/23/2020	Alexandria, LA
Horticulture IPM's and BMP's	Horticulture EXPO	03/07/2019	Alexandria, LA
ADA Compliance	Agent Training	09/30/2019	Alexandria, LA

Hemp Production	Industrial Hemp Conference	11/13/2019	Alexandria, LA
	ANR Agent Training	02/17/2020	

## **PARTICIPATION IN PUBLIC POLICY AND COMMUNITY ISSUES**

As Parish Chair, Mr. Dufour is in constant contact with the Avoyelles Parish Police Jury and Parish School Board with issues that may arise or that the AgCenter may be of assistance.

Mr. Dufour collaborates with Parish USDA agencies such as the Farm Service Agency and Natural Resources Conservation Services as the LSU AgCenter representative for Parish agricultural-related situations or issues. An important responsibility from the collaboration is his seat on the County Emergency Board. Mr. Dufour has participated in multiple meetings following a natural disaster that had negative impacts on agriculture. In addition, Mr. Dufour is also in contact with the Parish Office of Emergency Preparedness coordinator in the event of a parish-wide emergency. Mr. Dufour regularly attends the Parish Farm Bureau monthly meetings to be made aware of or address issues from farmers and industry professionals.

## **AWARDS AND RECOGNITION**

Mr. Dufour has been awarded and recognized multiple times in both the state and national County Agricultural Agents Association. The achievement award is given to members who have been in the association for at least 2 consecutive years and have under 10 years of service. This award is voted upon by the membership.

- Louisiana County Agricultural Agents Association
  - Scholarship Recipient (2017)
  - Poster Contest, 1<sup>st</sup> place (2018)
  - Achievement Award (2020)
- National Agricultural County Agents Association
  - Poster Contest, National Finalist (2019)

## **MULTI-INSTITUTION, AGENCY, AND STATE COLLABORATION**

Mr. Dufour collaborates with state and federal agencies on a consistent basis. He is a part of the Avoyelles Parish FSA County Emergency Board which convenes following any natural disaster



or weather-related events to offer assessment of damage to agricultural productions. Mr. Dufour also provides FSA with Parish average yields by request.

Mr. Dufour also collaborates with LDAF by offering training materials during pesticide recertification meetings that meet the standards set for license renewal. Furthermore, he collaborates with LDAF by providing information for testing prospective certified applicators. Mr. Dufour also refers producers and homeowners to LDAF in the event of a drift claim.

## **OTHER SCHOLARLY OR CREATIVE ACTIVITIES OR OTHER CONTRIBUTIONS TO THE PROFESSION**

Mr. Dufour is currently an adult volunteer for the Parish 4-H program and has trained the Parish Plant Science team since 2016 that competes annually at 4-H University. Furthermore, Mr. Dufour has served as a trainer during state trainings for 4-H University since 2018. Since 2016, Mr. Dufour has trained over 20 youth and educated them in plant science related to agriculture.

Mr. Dufour has also been responsible for revising the Avoyelles Parish Profile, which showcases the extension programs offered within the Parish. He has also revised the Parish SCOOP plan which is vital in the case of an emergency. Furthermore, Mr. Dufour has reformatted and revised the Parish website to make it more accommodating and visually appealing to the clientele.

## **ORGANIZATIONS ADVISED**

- Avoyelles Parish ANR Advisory Committee
  - Organizes and conducts advisory meeting that is responsible for identifying needs among stakeholders.
- Dean Lee Research Station Sugarcane Advisory Committee
  - Organizes and conducts advisory meeting that is responsible for identifying needs among producers and working with research faculty to execute programming.
- Avoyelles Parish 4-H Advisory Board
  - Participates as member to offer guidance relative to 4-H programming.
- Avoyelles Parish 4-H Livestock Advisory Committee
  - Participates as member to offer guidance relative to the 4-H livestock program.
- Avoyelles 4-H Foundation
  - Participates as liaison between foundation and 4-H program.
- Louisiana School for Agricultural Sciences Advisory Board
  - Participates as member to offer guidance and feedback relative to agriculture.

## UNIVERSITY SERVICE

### Search Committees

- Avoyelles Parish Extension Agent (4-H)
  - 2018
  - 2019 (Committee Chair)
  - 2020 (Committee Chair)
- State Soybean Specialist
  - 2017
  - 2019
- Dean Lee Research Station Entomologist
  - 2018
- Regional Agronomist – Sugarcane and Soybean
  - 2020