

LOUISIANA RICE RESEARCH BOARD

Crowley, Louisiana

November 10, 2021

MEMBERS PRESENT: Richard Fontenot, Alan Lawson, Gerald Leonards, Jeffery Sylvester, Bobby Fletcher for LDAF Commissioner Mike Strain, Jude Doise, John Denison, Kim Frey, and Damian Bollich

MEMBERS ABSENT: Jason Waller, Dane Hebert, John Earles, Sammy Noel, Eric Savant and David LaCour

OTHERS PRESENT: Kurt Guidry, Wade Baumgartner, Derek Albert, Luke Laborde, Scott Soileau, Kane Webb, Mike Salassi, Frankie Gould, Adam Famoso, Andy Schade, Steve Linscombe and Andy Brown

The business meeting was called to order following Chairman, Richard Fontenot's, welcome to the group. He asked the group to review the agenda and consider allowing the LSU AgCenter to be moved up in the agenda due to scheduling conflicts.

ACTION #1 A motion was made by Gerald Leonards, seconded by Kim Frey to accept the amended agenda, leading with LSU AgCenter and then returning to the agenda as presented.

Chairman Fontenot then began self-introductions, first by turning the floor noting Commissioner Strain's designee from LDAF, Lester Cannon, was ill today and Bobby Fletcher was attending in his place. Fontenot also noted the attendance of interim VP for the AgCenter, Dr. Luke Laborde. Self-introductions were presented.

Dr. Laborde led off the AgCenter update by presenting his background, career experiences, and vision for the AgCenter. He expressed his interest in learning from stakeholders such as the board. He noted the AgCenter understood budget constraints and was still producing similar workload with ½ of the faculty that it had in 2008. He mentioned work in the next session to capture some of the legislature's one-time budget surplus money for facility upgrades, supply needs, etc. He also noted there was need for increase in continuing money from the legislature for the agcenter and college to be competitive on hires and retaining good faculty/staff.

Dr. Salassi followed discussing 4 open positions at the station. He noted that the weed science position was in negotiation, pathology would be offering within the next

COL-Rice income. He also noted the negative balance of EU-TRQ funds, of which Brown and Fontenot noted the board would address. Soileau also gave a YTD through Sept on collections and financials. He said collections were up from this time last year, but so were refunds. He and Brown noted it was just timing of selling the crop and that overall revenue projections would still be down for FY22 due to a short crop.

Action #4 A motion was made by Damian Bollich, Seconded by Kim Frey and carried, to receive and file the collections and financial reports presented.

Andy Brown then presented an unencumbered balance report for (FY2020) and a budget projection of revenue and expenses for FY22. Brown noted the collections were Brown then began to walk the board through other financial projections that would be considered later in the meeting for budgeting purposes. He explained the EU TRQ shortfall was simply internal and a projection versus real income shortfall in 2020. He also, along with Chairman Fontenot, discussed recommendations from the Exec Committee to amend some operating expenses like legal reserve, printing, and miscellaneous costs to meet budget needs.

ACTION #5 A motion was made by Jeffrey Sylvester, seconded by Kim Frey and carried to correct the EU TRQ balance through COL-Rice residual funds. This would simply occur internally and the board confirmed that all EU-TRQ (AARQ) funds had been spent that were received. No EU-TRQ funds would be budgeted for 2022 contracts.

The Board then considered Col-Rice report from Mr. Denison. Only revenue came from January tender and the board owes 15,000 in dues to COL-Rice due to lack of revenue. Denison also noted the COL-Rice board had requested the remaining quota be reoffered for auction already once this year, and were denied. He explained they were meeting again this week and believed they would try again. Denison did not project though that this would generate any further revenue for this budget year and hoped it would return in 2022.

ACTION #6 A motion was made from Jeffrey Sylvester, seconded by Gerald Leonards and carried, that the carryover Col Rice TRQ funds and January's auction funds be used to pay the \$15,000 dues, \$30,000 in USA Rice Foundation dues, \$17,500 for EU-TRQ balance shortfall and the remaining be used for the blackbird management project. He furthered his motion to allow use of COL-Rice reserve funds to cover \$2050 of the blackbird project's \$20,000 request that were not available with the current balance of COL-Rice funds.

The Board then entered into review of each continuing project and established funding levels for 2022 by reducing some projects and maintaining some others at their

Fontenot gave a brief legal matters update. There had been some activity regarding appeals, with a district court hearing upcoming. Judge Clark retired from the case due to age, and Judge Johnson is now presiding.

Andy Brown then briefly reviewed the ethics training and reporting requirements for Board members. The online ethics training is an annual requirement to be fulfilled by the end of the year. Members were encouraged to send their completion certificate to Andy Brown via email. Brown also reviewed the virtual sexual harassment training that Brown had distributed electronically and Board members signed completion forms for those who had completed their training. Brown filed the forms.

The next Board meeting would potentially be held in June 2022 immediately following the field day program, unless another meeting was needed before then.

The Public Comment period was held. No comments were received.

There being no further business the meeting was adjourned.

AGENDA

LOUISIANA RICE RESEARCH BOARD

November 10, 2021

- I. Call to Order
- II. Approval of Agenda
- III. Minutes of Previous Meeting
- IV. Financials
 - a. Collection Report
 - b. Financial Report
- V. Budget Consideration
 - a. Review of Project Proposals and Funding Availability
 - i. Collections
 - ii. Col-Rice Report
 - iii. IP Report
 - b. Develop and Approve 2021 Budget
- VI. Approval of Contracts
 - a. LSU AgCenter & LSU Foundation
 - b. USA Rice Federation
 - c. USA Rice Foundation
 - d. Scott Soileau, CPA
 - e. Andy Brown, Manager
- VII. Updates
 - a. LSU AgCenter
 - b. USA Rice
 - i. USA Rice Foundation Update
 - ii. USA Rice Outlook Conference Information
 - c. Legal Considerations
 - d. Public Servant Training Requirements
 - i. Online Ethics Training
 - ii. Sexual Harassment Training
- VIII. Public Comment
- IX. Adjourn

LOUISIANA RICE RESEARCH BOARD

Minutes

LSU AgCenter Rice Research Station
June 30, 2021

MEMBERS PRESENT: Richard Fontenot, John Denison, John Earles, Alan Lawson, Sammy Noel, Kim Frey, Gerald Leonards, Jeffery Sylvester, Eric Savant, Damian Bollich, David Lacour, Dr. Mike Strain

MEMBERS ELECTRONICALLY PRESENT: Jason Waller

MEMBERS ABSENT: Dane Hebert, Jude Doise

OTHERS PRESENT: Andy Brown, Adam Famoso, Mike Salassi, Bruce Schultz, Scott Soileau, Kane Webb, Kurt Guidry, Steve Linscombe, Dustin Harrell, Betsy Ward, Frankie Gould, Carol LeDoux, Derek Albert, Todd Parker, Lester Cannon, Andy Schade, Wade Baumgartner, Don Groth.

Chairman, Richard Fontenot called the Louisiana Rice Research Board (LRRB) meeting to order at 1:07 pm and asked members to review the agenda items. He noted that if the Board would allow, he would allow Betsy Ward to report earlier in the meeting so she could transition to the LA Rice Promotion Board Meeting happening concurrent to the LRRB.

ACTION #1 A motion was made by Sammy Noel, seconded by Jeffery Sylvester and carried, to approve the agenda as amended.

Chairman Fontenot then asked board members to review the minutes while he addressed LSU's personnel and thanked them for their efforts for a great field day. Fontenot added that he gave his address as a part of the field day, so he did not have much to add. But he congratulated the faculty on an outstanding event. He also highlighted the artwork gifted to the board in honor of their efforts for the endowment and asked that thanks be passed on again to Dr. Richardson for commissioning the work.

The Board next considered the minutes of the previous meeting.

ACTION #2 A motion was made by Damian Bollich, seconded by Alan Lawson and carried, to dispense with the reading of the minutes and approve them as presented.

Betsy Ward then presented an update from USA Rice. She thanked the board for their continued support in membership to the foundation and support of their programming. She gave some brief policy updates on happenings in Washington D.C. and noted that the Rice Leadership program was back on track after a pause for COVID. Ms. Ward also reminded the group about the Rice Outlook Conference and that it was on track to be held in New Orleans in December. She encouraged attendance and was excited to be back in Louisiana. The Board discussed a few issues with Betsy related to trade and what that meant for the markets in LA. Ward then adjourned to the next meeting.

The LDAF May 2021 assessment collections report was then presented by Andy Brown. For the month of May assessment collections paid to the Board (gross) was \$82,568.65. The year to date gross assessment collections were \$1,407,904.48 and year to date refunds were \$113,398.05. Brown compared these figured to budgeted figures and showed that the board's budget projections were very close to realized collections and refunds with one month left to collect in the fiscal year. Brown also briefly mentioned the drastic drop in COL-Rice TRQ funds, but would address that further down the agenda. Brown noted for the board to keep that shortfall in mind though heading into the fall budgeting season, and provided the board a breakdown in dollars spent on research projects from checkoff collections vs. TRQ funds (documents attached). The board briefly discussed the TRQ issues and the need to prioritize research projects and discussed with LSU measures to reflect those priorities in next year's proposals.

Scott Soileau then reviewed the May 31, 2021 financial operating report (attached). He reviewed each of the various fund balances and discussed the current financial position of the Board. The Board discussed their current financial position and the current fund balances in regards to refunds and disbursements. Soileau called into question the balance of the EU-TRQ funds, with no funds being distributed from the Rice Foundation for EU/AARQ this year. Fontenot asked Brown and Soileau to review those funds further and report back at the next meeting.

ACTION A motion was made by Eric Savant, seconded by Sammy Noel
#3 and carried, to receive and file the financial and collections reports.

Col-Rice Representative John Denison then gave a report on the Col-Rice Board activities. The Board has plans to meet in the coming month, so Denison did not have a direct report from that meeting yet. However, Denison explained that the first two tenders were substantially down from the trend, especially with last years purchases exceeding expectations. He asked Brown to share the news that the 2nd auction results of 2021 were so low that there wouldn't be any return to states from that sale. So YTD, COL-Rice funds were \$13,476.87. Denison explained that the tonnage was being requested to be retendered for auction, but that he didn't foresee there being much change. From his understanding, the Columbian market didn't need the rice this year, so demand simply wasn't there for much purchase of the U.S. crop. He assured the board he would report back at the next meeting from their upcoming board meeting, but he encouraged them to be prepared to find a substantial cut in the budget from use of COL-Rice Funds.

The Board further discussed this need to prepare for low col-rice funds and

asked LSU what they could do ahead of the RFP process to notify researchers that there may be a shortfall in available funds this year. After some discussion, it was determined that Dr. Guidry could put together a survey for the board to quantify priorities and it was discussed of what the timeline would need to be to get the information back for the PI's in a timely fashion.

ACTION #6 A motion was made by David Lacour, seconded by Kim Frey and approved that Dr. Guidry and the AgCenter would create and disseminate ranking survey of projects to the Board in July via electronic means.

The Board then decided that the Program Review Committee could work to analyze the results of this survey and work with LSU to screen projects ahead of the November presentations and would decide if all projects needed presenting ahead of that meeting.

Fontenot then reviewed subcommittee assignments. LRRB Col-Rice Committee was then discussed, as members currently serving were asked their pleasure on continuing to serve on this subcommittee. Dane Hebert (chair), David LaCour, Jeffery Sylvester, and Gerald Leonards and John Earles agreed to be reappointed to this subcommittee by unanimous consent. Similarly, the IP committee members John Dennison (chair), Alan Lawson, Jude Doise, Jason Waller, and Sammy Noel were reappointed to this subcommittee by unanimous consent.

Fontenot then discussed that the Program Development Committee did not meet upon its formation, but would be implemented to review the survey results and work with LSU and other PI's to focus the scope of research to best match these priorities and farmer interests. The board discussed this committee for this new goal could use a few more members, just for this project review. Current members include Fontenot (chair), Bollich, Frey, Savant.

ACTION #7 A motion was made by Eric Savant, seconded by Damian Bollich and carried, that the Board approve the committee assignments as presented, with Sammy Noel and Jeffrey Sylvester be temporarily added to the Program Development meeting.

Dr. Mike Salassi then updated the board on the LSU AgCenter Activities. Fontenot asked Salassi to join him to make a special presentation to Bruce Schultz, who was retiring after many years of service as the communications personnel for the rice station, rice board, and had covered many other important rice topics through the years. Fontenot also made a presentation to Dr. Don Groth who had retired last year, but could not be presented a thank you for service due to COVID restrictions to the meetings. Schultz and Groth addressed the Board and thanked them for their working relationship and friendships. Dustin Harrell also presented Schultz with a faculty group gift.

Salassi continued by updating the board on staffing changes and introduced Derek Albert who is replacing Schultz in communications. He noted Groth's position had been offered to 2 candidates, but both declined for other offers. He noted a few other positions in transition. He also then turned to Frankie Gould, who asked the Board

to review topics for the upcoming annual report. The Board noted they would review and get back with Gould at a later date if needed.

Salassi then asked Andy Schade to join him in giving the annual LSU Foundation update on the Board's endowment activities. Schade distributed a report as of April 2021. This report (attached) showed the board had given \$3 Million, which had grown to a market value as of April 30 at \$3,545,910. Schade reviewed what that meant in terms of return to the endowed chair position and also where the board was at with obligated fees per the endowment agreement.

Fontenot then asked the board to consider the proposal that the Executive Committee and LSU Foundation had sent electronically prior to the meeting. This proposal, per the rapid growth in funds, was to reallocate current dollars from one endowed chair position to two chair positions. It was proposed that the survey work and overall consensus was the Board's greatest focus and successes have come in variety development, and thus a new endowed chair position in variety development would be a good use of funds to ensure the success of that program for years to come. The board then discussed what that would require, in terms of their agreement and how it would effect the current chair. Schade and Salassi shared that the growth of the funds had not been realized yet in return to the chair, and that this year's allocation to the chair would be based on prior values, not the current approximate \$3.5 M value.

Schade continued to note that because the board was the sole provider of funds, not matching funds from the board of regents, that they could simply amend their agreement to designate the new chair. The Board discussed the name of the chair, reconfirmed that no new fees would be assessed due to this amendment, and the benefits that could come by contributing to the variety program in perpetuity.

ACTION #8 A motion was made by John Dennison, seconded by Damian Bollich, and carried for LRRB to amend their current endowment agreement to allocate one-third or \$1 Million (whichever is greater) of the Endowment principal to be transferred to a new endowed chair fund, supporting the Louisiana Rice Research Board Chair for Rice Variety Development.

Sammy Noel requested that the agreement show that this transfer of funds this is not a new gift and thus should not be subject to a Development Support Fee. Schade agreed to facilitate that in the agreement. He then noted that the current balance on the Development Support Fee could be paid in full prior to the transfer of funds to eliminate confusion of which fund owed what fees.

ACTION #9 A motion was made by Sammy Noel, seconded by Gerald Leonards and carried to allow the remaining Development Support Fee be paid by the current endowment funds prior to the valuation of the accounts for the split into one-third for the new chair and two-thirds for the current chair.

Kane Webb gave a brief update, noting Betsy Ward ad covered most of their activities. He mentioned upcoming LA Rice Growers meetings and other activities related to Rice Outlook Conference.

Dr. Linscombe gave an update regarding the USA Rice Foundation and thanked the board for their support. Dr. Linscombe discussed Latin America Rice Quality

Research. He gave an update on the Rice Leadership program and recent tours in MO, MS, and AR. He noted that applications for the next class were opening soon and encouraged the Board to find applicants to apply. Linscombe also added his perspectives on the chair position, research priority survey, and other research activities he was familiar with.

Fontenot briefly discussed general movement with legal matters related to the board. Fontenot noted there had been a switch in the presiding judge, with the retirement of Judge Clark. He also noted the court had approved the defendant's appeal against the expansion of the class of the lawsuit, and that it was back to a 3+ year window, as opposed to the previously expanded class. He mentioned he would continue to look for updates from the counsel and share them as necessary.

Chairman Fontenot then asked Brown to briefly review the ethics training and reporting requirements for Board members. Members will receive reminder emails and texts from Andy Brown, of which he had done for previous deadline in May 2021. Brown noted the next deadline for the board would be for ethics and sexual harassment training by year's end.

Chairman Fontenot then asked Brown to conduct the election of officers. Sylvester asked the current officers present if they were willing to continue to serve in their current role. Fontenot agreed and expressed that while Dane Hebert was absent, he too was willing. Denison agreed as well.

ACTION #10 A motion was made by Jeffrey Sylvester, seconded by Sammy Noel, and carried to reelect all officers for the 2021-2022 term whereas Richard Fontenot – Chairman, Dane Hebert – Vice Chairman, and John Dennison – Secretary/Treasurer.

The next meeting date was tentatively set for Thursday, November 10th. This would be the project review meeting. Committee meetings were also tentatively scheduled prior to the full meeting. Both IP and Col-Rice will meet November 3rd, with IP meetings at 10:00 am and Col-Rice at 1:00pm. A meal will be provided between meetings for both committees. PD Committee would meet at the request of the Chairman once the survey results were distributed.

Fontenot called for public comment. None was heard.

There being no further business the meeting was adjourned from a motion from Sammy Noel, seconded and carried by Kim Frey.

Louisiana Rice Research Board Income Statement
September 2021

	Sep 21	Jul - Sep 21
Ordinary Income/Expense		
Income		
R. RESEARCH ASSESSMENTS	88,101.69	177,196.39
Total Income	88,101.69	177,196.39
Gross Profit	88,101.69	177,196.39
Expense		
PAID TO LDAF		
PD TO LDAF-RICE RSRCH	1,762.03	3,543.93
Total PAID TO LDAF	1,762.03	3,543.93
REFUNDS		
RICE RESEARCH	8,234.80	10,048.88
Total REFUNDS	8,234.80	10,048.88
PAID TO BOARD		
PD TO RICE RESRCH BD	78,104.86	163,603.58
Total PAID TO BOARD	78,104.86	163,603.58
Total Expense	88,101.69	177,196.39
Net Ordinary Income	0.00	0.00
Net Income	0.00	0.00

Louisiana Rice Research Board Income Statement

September 2020

	Sep 20	Jul - Sep 20
Ordinary Income/Expense		
Income		
R. RESEARCH ASSESSMENTS	95,413.84	138,660.75
Total Income	95,413.84	138,660.75
Gross Profit	95,413.84	138,660.75
Expense		
PAID TO LDAF		
PD TO LDAF-RICE RSRCH	1,908.28	2,773.22
Total PAID TO LDAF	1,908.28	2,773.22
REFUNDS		
RICE RESEARCH	2,029.54	2,549.68
Total REFUNDS	2,029.54	2,549.68
PAID TO BOARD		
PD TO RICE RESRCH BD	91,476.02	133,337.85
Total PAID TO BOARD	91,476.02	133,337.85
Total Expense	95,413.84	138,660.75
Net Ordinary Income	0.00	0.00
Net Income	0.00	0.00

Table 1. CHECKOFF REVENUE PROJECTIONS 09/21/2021				
		ESTIMATES		
2021 CROP		NASS	EU -TRQ	COL-Rice TRQ
ACRES		413,000	2020	YTD
YIELD (hundredweight)		68.5		
TOTAL PRODUCTION		28,290,500		
CHECKOFF		\$ 0.05		
TOTAL COLLECTIONS		\$ 1,414,525.00		
REFUNDS				
& SLIPPAGE (%)	8	\$ 113,162.00		
TRQ	EU 2022*		0	
	COL-Rice 2021			13,477
REVENUE ESTIMATE		\$1,301,363	\$0	\$ 13,477

Table 2. Unencumbered Balances

		FUNDS			
		CHECKOFF & VD	TOTAL	EU -TRQ	COL-Rice TRQ
UNENCUMBERED BALANCE 6/30/21		\$ 60,658.49	\$ 1,621,610	-17,500	1,578,451
Reserve (allocated Nov 14 & 15)					(1,500,000)
EU TRQ Reimbursement*					
TOTAL FUNDS		\$ 60,658		\$ (17,500)	\$ 78,451

*EU Overestimated in 2020. Need to allocate Checkoff Funds or COL-Rice Funds to make up shortfall internal in our books

TABLE 3. PROJECTED BUDGET RICE RESEARCH BOARD 2021-2022

		FUNDS			
		CHECKOFF & VD	TOTAL	EU -TRQ	COL-Rice TRQ
UNENCUMBERED BALANCE 6/30/21		60,658	\$121,610	-17,500	78,451
ESTIMATED REVENUE*		1,301,363		0	-
INTEREST INCOME EST		1,000			2,000
FUNDS AVAILABLE		\$ 1,363,021		\$ (17,500)	\$ 80,451
EXPENSES			*EU TRQ Shortfall*	17,500	17,500
LDAF		12,000			15000
OPERATING EXPENSES					17950.91
STATE AUDIT		4,200			
PROFESSIONAL FEES		3,600			
LEGAL RESERVE (6/27/18)		50,000			
PRINTING		0			
MISCELLANEOUS		1,000			
USA RICE FEDERATION		15,800			
USA RICE FOUNDATION		5,000			30,000
TOTAL OPERATING EXP.		79,600			
TOTAL EXPENSES		91,600			
NET FUNDS AVAILABLE		1,271,421.49		\$ 0	-
TOTAL COMBINED FUNDS			\$1,271,422		

TABLE 4. RESERVE POLICY ADOPTED 11/4/14.			
Reserve Established by Col-Rice TRQ Funds		\$1,500,000	

TABLE 5. LSU AGCTR 2022 PROJECT FUNDING AND PROJECTED YEAR-END RESERVES (6/30/22).				
	CHECKOFF & VD	TOTAL	EU -TRQ	COL-Rice TRQ
TOTAL NET FUNDS AVAILABLE FOR 2022 PROJECTS	1,271,421	1,271,422	0	0
LSU AGCTR 2022 RES. PROJECTS				
CONTINUING	1,348,462		0	0
NEW				0
TOTAL LSU PROJECTS	1,348,462	Res. Projects	0	0
COMBINED TOTAL		1,348,462		
TRQ RECOMMENDATIONS				
LSU COL-Rice Requests				0
OTHER REVENUE?				
				-
PROJECTED NET	-77,041		0	0
TOTAL NET		-\$77,040		
TRQ RESERVE				\$1,500,000
UNENCUMBERED RESERVES (6/30/20)	-77,041		0	\$1,500,000
LSU 2021 Contract by Fund Type	1,348,462		0	\$0
TOTAL		\$1,348,462		

		Checkoff Balance		
		7/19/2021 **		**
Balance	\$	758,692.49	Account Bal.	
Payments	\$	(692,034.00)	LSUAgCtr 2020 Final	
		(4,200.00)	LLA AUDIT	
		(1,000.00)	AB	
		(800.00)	Scott	
	\$	60,658.49	net	
Balance	\$	60,658.49	Net Checkoff Bal.	
6/30/2021 EUTRQ Unencumbered Balance				
6/30/2020	\$	(11,429.65)	EUTRQ Balance	
	\$	-	EUTRQ Inc	
6/28/2021	\$	(3,035.00)	1/2 LSU Res 2021	
Outstanding	\$	(3,035.00)	2/2 LSU Res 2021	
6/30/2021	\$	(17,499.65)	EUTRQ Balance	
6/30/2021 COLRICE TRQ Unencumbered Balance				
6/30/2021	\$	2,083,436.41	TRQ Account	
not yet paid	\$	(504,985.50)	LSUAgCtr 2021 Final 2/2	
2021	\$	1,578,450.91	Col Rice Unencumbered	
2021 COL RICE Income				
	\$	1,578,450.91	COL Rice Funds Total	
	\$	(1,500,000.00)	Reserve Est. 11/14	
21-Sep	\$	78,450.91	ColRice Bal. Available	
COLRICE INCOME 2021 - Calendar Year				
January	\$	13,476.87		
June	\$	-		
October		\$0.00		
Total	\$	13,476.87		

Colombia Rice Export Quota, Inc. (COL-RICE)
Distribution Calculation: October 7, 2021 Auction
October 29, 2021

	<u>October 2021</u>
Cash in Bank as of June 30, 2021	\$ 246,033.92
Revenue from Auction	<u>\$ 13,450.00</u>
Total Revenue	\$ 259,483.92
Less Expenses (June 30 - October 29, 2021)	<u>\$ 47,462.45</u>
Net Revenue	\$ 212,021.47
Less Reserve Fund	<u>\$ 250,000.00</u>
Total Amount to be Distributed	<u>\$ (37,978.53)</u>
U.S. Distribution = 50% of Total	\$ -
Colombian Distribution = 50% of Total	\$ -

Ethics Training Information

I wanted to provide you with a reminder that the Louisiana Ethics Administration Training is due by December 31, 2021. You can log in and complete the training at <https://laethics.net/EthicsTraining/login.aspx>

Information regarding the one hour ethics training course is available by following this link www.ethics.la.gov. Again this one hour of education and training on the ethics code will need to be completed annually (pursuant to LAR.S.42:1170(A)). It can also be completed by attending a live seminar.

If you need, you can request a new password. Once you are logged in you can look for your past certificates to see if you have complete training for this year. The training is broken up into sections and each one is saved before going to the next. Also you do not have to complete all of them in one session. After completing the training, you should save both an electronic and paper copy of your certificate of completion for your files. You are also welcome to email me the certificate and I will file it for you.

AGENDA

LOUISIANA RICE RESEARCH BOARD MEETING

**H. Rouse Caffey Rice Research Station
1373 Caffey Road
Rayne, Louisiana 70578**

November 10, 2021

**8:00 a.m. Welcome Mr. Richard Fontenot, Chairman
Louisiana Rice Research Board**

Project Proposal Presentations

8:05 a.m.	A. Famoso	Development of Superior Rice Varieties for Louisiana	(p. 38)
8:35 a.m.	A. Famoso	Multiple Generation Rice Breeding Nursery	(p. 42)
8:50 a.m.	B. Angira	Applied Molecular Breeding	(p. 34)
9:20 a.m.	B. Wilson	Integrated Management Strategies for Insect Pests of Rice	(p. 9)
9:50 a.m.	I. Wenefrida	Development of Herbicide-Resistant Rice and Improved Nutritional Quality	(p. 65)
10:20 a.m.	Break		
10:30 a.m.	M. Deliberto	Economic Analysis of Rice Production and Farm Management in Louisiana	(p. 1)
10:45 a.m.	F. Gould	Enhancement of Rice Research/Extension Communications	(p. 5)
11:00 a.m.	P. Price	Evaluation of Fungicides on Important Rice Diseases Under Upland (Row Rice) Conditions	(p. 18)
11:30 a.m.	R. Levy	Louisiana Rice Research Verification Program	(p. 57)
11:45 a.m.	K. Guidry	Weed Management in Herbicide-Resistant/Tolerant and Conventional Rice	(p. 73)
11:55 p.m.	K. Guidry	Risk Management Strategies for Efficient Utilization of Agronomic Inputs and Natural Resources	(p. 53)
12:05 p.m.	K. Guidry	Development of Disease Control Practices in Rice	(p. 45)
12:15 p.m.	K. Guidry	Development of Hybrid Rice for Louisiana	(p. 61)
12:30 p.m.	Lunch		

Other Project Proposals

Continuing Projects

G. Gentry	Development of an Encapsulation Protocol for Sodium Nitrate for Nitrate for Control of Feral Swine in Rice	(p. 14)
D. Burns	Yield Evaluation of Commercial-Advanced (CA) Testing Program in Northeast Louisiana	(p. 22)
B. Garner	Development of Best Management Practices for Furrow Irrigated Rice or Row Rice Production in Northeast Louisiana	(p. 26)
J. Richards	Improvement of Management Strategies for Narrow Brown Leaf Spot of Rice	(p. 30)
M. Kongchum	Evaluation of Water Management Practices on Greenhouse Gas Emissions in Main and Ratoon Crop	(p. 49)
L. Shiratsuchi	Remote Sensing Ground Control Point Network to Support Precision Agriculture in Rice Farms	(p. 69)

New Projects

T. Gentimis	Establishing Dedicated Statistical Support and Data Analysis	(p. 77)
J. Ham	Identification and Formulation of Seed Defense-Priming Agents that Enhance Rice Immunity against Major Diseases	(p. 81)
E. Oliveira-Garcia	Monitoring Effectiveness of Deployed Resistance Genes and Genetic Changes of Rice Blasé in Louisiana	(p. 85)
T. Watson	Characterization of Plant-Parasitic Nematodes in Louisiana Row Rice	(p. 89)
T. Setiyono	Integrating Remote Sensing and Crop Modeling for Rice	(p. 93)
P. Subudhi	Identification and Introgression of Early Morning Flowering Trait to Improve Heat Tolerance in Rice	(p. 97)
H. Utomo	Development of Rice Cultivars with Low Glycemic Index	(p. 101)

Other Project

W. Futch	Blackbird Management	(p. 105)
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Story

Verification Program

Remote sensing, digital ag

Row Rice/Row Rice Irrigation

Crop Year Overview, Storm Damage

Puerto Rico Breeding Nursery Benefits

Hybrid Development

Variety Development

Weed Research

Agronomy

Disease Research

Chairman's Letter

Parish acreage Map

Variety Pie Chart

Economics

Board Member List

Funding List

Endowed Chair

Brown Leaf Spot

Water Management

Board Photo

November 9th, 2021

Dear Louisiana Rice Research Board,

I would like to thank the Louisiana Rice Research Board for their generous funding that supported our project “Improvement of management strategies for narrow brown leaf spot of rice” in 2021. Although I was not invited to present our research plans for 2022 at the annual Rice Research Board meeting, I would like to share the progress we have made on this project with members of the board.

Development of controlled phenotyping protocols: Our growth chamber protocol has enabled us to screen advanced breeding lines for NBLs resistance, as well as begin to dissect pathogen race structure. Our initial analyses indicated that multiple races exist in Louisiana. We are also developing a rapid detached leaf assay which has the potential to reduce our phenotyping time by half. Our field trials identified two putative quantitative resistance loci for NBLs, as well as confirmed the effectiveness of the *CRSP2.1* resistance gene in reducing leaf infection. **The newly developed phenotyping procedures will be a useful tool for rapid resistance screening and pathogen race classification.**

Understanding genetic diversity and population structure: Our analyses using whole-genome sequences indicated that *C. janseana* populations harbor a large amount of standing genetic variation which may translate into phenotypic differences (i.e. virulence on different rice varieties). We also observed that pathogen populations are not geographically differentiated and identified evidence for ongoing sexual reproduction. **These results highlight the need for continuous monitoring across migratory pathways for new prevalent races which may quickly develop through sexual recombination.**

Monitoring fungicide sensitivity: A collection of 30 *C. janseana* isolates was evaluated for sensitivity to propiconazole to determine if variation in sensitivity exists in the pathogen population. EC50 values ranged from 0.035 to 0.356 with an average of 0.230. However, the vast majority of isolates had similar levels of propiconazole sensitivity. Sensitivity to the quinone outside inhibitor (QoI) fungicide azoxystrobin was also investigated. Using the whole-genome sequencing data generated in 2021, we identified the G143A QoI resistance mutation in 75.4% of the collected *C. janseana* isolates. Laboratory assays confirmed that this mutation leads to resistance to azoxystrobin. **Overall, our results suggest propiconazole should still be an effective control measure, but azoxystrobin is not a viable option for NBLs management.**

Field observations: The *CRSP2.1* resistance gene was effective against foliar NBLs infection. However, after several on-site farm visits, we noticed that lines harboring the *CRSP2.1* resistance gene still showed NBLs symptoms on the sheath/stem. **This indicates that sheath/stem infection may be under different genetic control and warrants further investigation.**

Recently, I, along with Drs. Adam Famoso and Brijesh Angira, received a grant from USDA NIFA to continue our work investigating long-term genetic solutions to narrow brown leaf spot management. In 2022, my lab will also continue investigating short-term solutions including further dissection of pathogen race structure in Louisiana and fungicide sensitivity in pathogen populations. Additionally, we will place a large focus on investigating narrow brown leaf spot resistance in the sheath/stem. Thank you again for your past support and I look forward to submitting a proposal next year.

FUND OVERVIEW

Louisiana Rice Research Board



Louisiana Rice Research Board Chair for Excellence in Rice Research

Fund established December 2018.

Market Value

The LSU Foundation operates on a fiscal year from July 1 thru June 30.

Market Value of Endowment on June 30, 2021	\$3,665,670
Market Value of Endowment on June 30, 2020	\$2,578,337
Market Value of Endowment on June 30, 2019	\$1,590,221

Annual Allocation Made Available for Spending

Funds for this chair are endowed in the LSU Foundation's general endowed pool. Each year on July 1, a portion of the total return from the endowed gift is made available for spending. Currently, this portion is 4 percent of the 5-year rolling average of the market value. In years of high returns, the spending rate stays at 4 percent and excess earnings bolster the account's market value, strengthening its ability to withstand market fluctuations.

Spending Allocation on July 1, 2021	\$57,548
Spending Allocation on July 1, 2020	\$37,352
Spending Allocation on July 1, 2019	\$12,887

General Endowed Portfolio Investment Performance

This investment portfolio is composed of endowed gifts directed by donors.

2020-21 Return	28.53%
3-year Annualized	10.82%
5-year Annualized	10.58%
10-year Annualized	6.55%



LOUISIANA RICE RESEARCH BOARD
 STATEMENTS OF FINANCIAL POSITION
 June 30, 2021 and 2020
 See Accountant's Compilation Report

ASSETS	<u>2021</u>	<u>2020</u>
Cash in bank	\$2,194,831	\$4,057,761
Cash held by Department of Agriculture	<u>100</u>	<u>100</u>
	\$2,194,931	\$4,057,861
OTHER CURRENT ASSETS		
Accounts receivable - Department of Agriculture	<u>702,218</u>	<u>144,521</u>
Total assets	<u>\$2,897,149</u>	<u>\$4,202,382</u>
NET ASSETS		
Unrestricted net assets	<u>\$2,897,149</u>	<u>\$4,202,382</u>
Total net assets	<u>\$2,897,149</u>	<u>\$4,202,382</u>

LOUISIANA RICE RESEARCH BOARD

STATEMENTS OF ACTIVITIES
 Years Ended June 30, 2021 and 2020
 See Accountant's Compilation Report

	<u>2021</u>	<u>2020</u>
Revenues:		
Check-off funds - Louisiana Department of Agriculture	\$ 1,449,801	\$ 1,362,413
Rice Foundation	-	5,961
Columbia TRQ	52,105	2,230,580
Interest income	7,102	15,958
Total revenues	<u>\$ 1,509,008</u>	<u>\$ 3,614,912</u>
Expenses:		
Payments to LSU Ag Center:		
Check-off funds	\$ 1,149,511	\$ 1,208,952
TRQ funds	969,947	788,731
Endowed chair	500,000	1,000,000
Payments - USA Rice Federation	26,480	15,155
Collection fees	12,000	12,000
Payments - The Rice Foundation	35,000	35,000
Auditing	4,305	4,500
Professional services	3,600	3,600
Miscellaneous	-	110
Refunds of check-off funds	113,398	133,561
Total expenses	<u>\$ 2,814,241</u>	<u>\$ 3,181,609</u>
Change in net assets	\$ (1,305,233)	\$ 433,303
Net assets - beginning	<u>4,202,382</u>	<u>3,769,079</u>
Net assets - ending	<u>\$ 2,897,149</u>	<u>\$ 4,202,382</u>

LOUISIANA RICE RESEARCH BOARD
STATEMENT OF FINANCIAL POSITION
September 30, 2021 and 2020
See Accountant's Compilation Report

ASSETS

	<u>2021</u>	<u>2020</u>
CURRENT ASSETS		
Cash in bank	\$2,893,611	\$4,097,119
Accounts receivable	113,769	241,059
Cash held by Department of Agriculture	<u>100</u>	<u>100</u>
Total assets	<u>\$3,007,480</u>	<u>\$4,338,278</u>
LIABILITIES AND NET ASSETS		
Unrestricted net assets	<u>3,007,480</u>	<u>\$4,338,278</u>
Total liabilities and net assets	<u>\$3,007,480</u>	<u>\$4,338,278</u>

LOUISIANA RICE RESEARCH BOARD

STATEMENT OF ACTIVITIES
 Three Month Period Ended September 30, 2021 and 2020
 See Accountant's Compilation Report

	<u>2021</u>	<u>2020</u>
Revenues:		
Check-off funds - Louisiana Department of Agriculture	\$ 177,197	\$ 138,661
Columbia TRQ funds	-	-
Interest income	677	2,558
Total revenues	<u>\$ 177,874</u>	<u>\$ 141,219</u>
Expenses:		
Payments to LSU Ag Center:		
Check-off funds	\$ -	\$ -
Colombia TRQ funds	-	-
European TRQ funds	-	-
Payments to USA Rice Federation	18,950	-
Payments to USA Rice Foundation	35,000	-
Collection fees	3,544	2,773
Refunds of check offs paid	10,049	2,550
Total expenses	<u>\$ 67,543</u>	<u>\$ 5,323</u>
Change in net assets	\$ 110,331	\$ 135,896
Net assets - beginning	<u>2,897,149</u>	<u>4,202,382</u>
Net assets - ending	<u>\$3,007,480</u>	<u>\$4,338,278</u>

Louisiana Rice Research Board
Schedules of Income from Louisiana Department of Agriculture and TRQ Funds
Years Ended June 30, 2017 through 2022

Monthly Income	2017	2018	2019	2020	2021	2022
July	\$124,219	\$66,001	\$12,065	\$109,668	\$17,447	\$52,703
August	20,536	40,324	35,196	85,167	25,800	36,392
September	75,206	100,390	80,234	67,962	95,414	88,101
October	90,655	151,196	119,887	125,655	120,434	
November	141,354	131,680	157,922	140,245	99,594	
December	114,759	121,907	138,695	112,358	122,099	
January	173,127	194,768	79,315	296,372	355,236	
February	142,082	130,202	259,753	180,405	184,999	
March	179,578	66,107	172,275	74,564	160,887	
April	153,711	245,494	99,909	80,025	143,425	
May	119,348	105,466	85,039	42,354	82,569	
June	90,186	48,643	105,814	47,638	41,897	
Total Check-off funds income	\$1,424,761	\$1,402,178	\$1,346,104	\$1,362,413	\$1,449,801	\$177,196
Total EU-TRQ funds income	15,297	24,667	28,445	5,961	-	-
Total COL-TRQ income	1,771,278	515,260	955,003	2,148,919	52,105	-
Total Check-off and TRQ income	\$3,211,336	\$1,942,105	\$2,329,552	\$3,517,293	\$1,501,906	\$177,196

Cumulative Check-Off Income	2017	2018	2019	2020	2021	2022
July	\$124,219	\$66,001	\$12,065	\$109,668	\$17,447	\$52,703
August	144,755	106,325	47,261	194,835	43,247	89,095
September	219,961	206,715	127,495	262,797	138,661	177,196
October	310,616	357,911	247,382	388,452	259,095	
December	451,970	489,591	405,304	528,697	358,689	
January	566,729	611,498	543,999	641,055	480,788	
February	739,856	806,266	623,314	937,427	836,024	
March	881,938	936,468	883,067	1,117,832	1,021,023	
April	1,061,516	1,002,575	1,055,342	1,192,396	1,181,910	
May	1,215,227	1,248,069	1,155,251	1,272,421	1,325,335	
June	1,334,575	1,353,535	1,240,290	1,314,775	1,407,904	
June	1,424,761	1,402,178	1,346,104	1,362,413	1,449,801	