

California Rice Research Board

Issue 37, Spring 2018

Assessment Rate Follow-up

As mentioned in the last newsletter, the RRB directors chose to use one million dollars of the Reserve fund to maintain research for 2018. Since this fund is presently being fed by Colombia TRQ dollars, it seemed good to me to give you an update on how these funds have benefited the California Rice industry.

Colombia TRQ funds have benefited the Rice industry through the RRB since 2013. The actual amount received by the RRB varies with world price and what handlers are willing to pay for tariff free import access to the Colombia market. Table 1 shows the amount received during the RRB fiscal years shown. You can see that some years have been very good (2015), and other years (2018) have been much less.

The RRB directors choose how this money will be spent on your behalf. To date the Board has spent \$5,000,000 of this money for support of your Rice Experiment Station

and budgetary support for the RRB during low income years. They are presently on track to spend another \$1,500,000 for the same two purposes.

As you might imagine the interest from this Reserve fund also helps to fund research projects. The most recent quarter produced \$44,362 of interest. This is enough over a year to fund our main Weed Control project.

Table 1 - Colombia TRQ	
Fiscal Year	Dollars received
2013	1,795,523
2014	1,861,597
2015	3,838,227
2016	2,804,614
2017	2,419,789
2018	775,114

Thus, the RRB directors have been careful in their stewardship of these funds so that the Board may continue to have a reserve sufficient to cover industry research during short crop years.

Replacement of Larry Godfrey

As was noted in the 48th Annual Report, entomologist Larry Godfrey of UC Davis passed away in April of 2017. The UC has moved quickly to replace Larry in the Department of Entomology. During May 2018 candidate presentations are being given by the three finalists for the position. Each finalist gives a roughly 40 minute presentation on their past research and how they would approach the work of the position. This is followed by 20 minutes of questions from the audience. It gives an opportunity to see how they might handle themselves in a Cooperative Extension position.

Because work on Rice Water Weevil, tadpole shrimp, armyworms and stink bugs does not stop, Luis Espino, farm advisor in Colusa county, has stepped up and guided Larry's work at RES. We are very grateful for his participation and help during this transition period.

Since the candidate presentations will be completed during May, it is hoped that a

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The California Rice
Research Board

Operating under the
authority of the
Secretary of
Food and Agriculture,
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Dana Dickey, Manager
PO Box 507
Yuba City, CA 95992
Phone: 530-673-6247
Fax: 530-674-0426

www.carrb.com

final decision will be made by Fall for a new entomologist. Both the CRC and RRB have been attending the presentations and cultivating relationships with the candidates since the rice industry has traditionally had needs in this area.

Budget 2018

In early March of each year the RRB sets its final budget for the fiscal year. By this point in the year the crop size can be estimated and the amount of money available for research determined. In 2018 the research budget is \$3.325 million dollars with an additional \$500,000 going to support the long term work of the RES. These values are summarized in Table 2.

What do you get for your research dollar? Table 3 lists the project names and dollar amounts for the 2018 season. A majority of your funding (66%) goes into rice breeding through the Rice Experiment Station. Nearly 30% goes into UC Davis or Cooperative Extension for weed, pest, and agronomic research.

The details of each of these projects is chronicled in the RRB Annual Report. There you can see the details that allow you to put the research to work in your own fields.

You can also access summaries of the entire 48 years of research on the RRB web site, www.CARRB.com. For the most recent years, the complete scientific reports are also available on-line.

Table 2 - 2018 Budget Summary			
	General Fund	Reserve	Totals
Carryover	1,199,600	9,745,000	10,944,600
Income	1,785,000	972,000	2,757,000
Total Income	2,984,600	10,717,000	13,701,600
Operating Expenditures	258,025		258,025
Research Expenditures	2,325,976	1,500,000	3,825,976
CDFA/Audit	60,000		60,000
Total Expenditures	2,644,001	1,500,000	4,144,001
Unallocated Reserve	340,599	9,217,000	9,557,599

Table 3 - 2018 Research Projects		Title	Dollars
Title	Dollars	Targeted, Spot Spraying of Rice Weeds from Remotely Piloted aircraft	10,800
Rice Breeding and Variety Improvement at RES	2,183,214	Real-time Monitoring and Early Detection system for Insect Activity in Stored Rice	38,608
Application of Forward and Reverse Genetics for Rice improvement	43,387	Improving Fertilizer Guidelines for Rice	170,639
Variety Adaptation and Cultural Practice Research	166,929	Improving Water Use Efficiency in CA Rice	24,500
Weed Control in Rice	168,812	Novel Nano-materials and Performance Industrial Products	108,705
Rice Disease Research and Management	27,291	Role of Nitrification in Rice Systems to Support Nitrogen Use Efficiency	30,800
Protection of Rice from Invertebrate Pests	97,050	Improving Alkali Activated Slag Properties by using Rice Straw Ash	15,283
Environmental Fate of Pesticides Important to Rice	51,238	Lit. review, Rice Hull, Straw Ash as a Supplementary Cementitious Material	6,998
Mercury in CA Rice Systems	34,259	Utilization of Rice Straw Ash in Concrete	35,814
Determination of Arsenic Speciation in Rice	19,325		
Weedy Red Rice Control	62,324		