

# LOUISIANA RICE NOTES

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Dr. Dustin Harrell

January 21, 2015

No. 2015-01

## Bird Deterrent Seed Treatment for Rice

Throughout the years, date of planting studies have shown that in southwest Louisiana rice yields are maximized with an early to mid-March planting. One of the problems with planting early, especially if you are the first to plant in your area, is black bird feeding on the planted rice seed. Even if the seed has germinated and emerged black birds often pull the seedling from the ground and then eat the seed. They can be outright devastating to a rice field!

Fortunately, we may again have a tool in our toolbox that can be useful to deter bird feeding of planted rice seed. The product is a bird repellent called AV-1011™ made by Arkion Life Sciences. It is a liquid seed treatment that can be applied at your local seed distributor. The active ingredient in AV-1011 is Anthraquinone. The chemical is non-lethal to the birds and is actually found in 94 known plant species. When a bird eats a treated seed, it gives them digestive distress (or in layman's words, a really bad tummy ache), and this deters them from eating more seed.

Over the last four years Louisiana has been granted a section 18 (emergency exemption) by the EPA for its use in on rice on a limited number of acres. Fortunately, this product is in the application process for a full federal label (section 3) for its use in corn under the trade name AvipelShield. With this in mind, we believe that we can be granted a section 24 (c) label (special local needs) by the EPA this year in Louisiana for its use in rice. As we speak, Kevin Wofford, Director of Pesticide & Environmental Sciences with the

LDAF, has submitted the 24 (c) application. As soon as the approval is granted by the EPA in Louisiana I will let you know. It is my understanding that a packet of research data, which is need for the 24 (c) application, was sent to appropriate Department of Agriculture representatives of all the mid-southern rice producing states by the Arkion company. It is very likely that a 24 (c) will be applied for by all the mid-southern rice producing states this year.

On another note, the company is also currently testing a foliar bird repellent for headed rice. They are going to call this product AV-4044. Hopefully, we will have this product approved for use in rice in a few years.

## New Year – New Rice Notes Format

You may have noticed a slightly different look in the traditional Louisiana Rice Notes, which was created by Dr. Saichuk. This year I am going to strive to keep the quality content in the Rice Notes that Dr. Saichuk was known for; however, I am planning to change a few things, too. One change is that the Louisiana Rice Notes will not be a singular undertaking anymore. Rice experts from all disciplines (pathology, entomology, weed science and economics) will provide timely articles throughout the year. Dr. Groth's Rice Disease Update will be combined with the Louisiana Rice Notes this year. Another change will be that the Louisiana Rice Notes will be published biweekly. Of course, if pressing news comes up in between, we will be sure to publish a Rice Notes as quickly as possible. We hope you like the new format.

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## Dr. Saichuk's Retirement Reception

Speaking of Dr. Johnny Saichuk, his retirement was held last week at the Acadia Parish Extension office in Crowley. The turnout was tremendous! More than 100 people came to celebrate Johnny's retirement. Clearly, Dr. Saichuk was highly regarded by Louisiana rice farmers, rice industry



personnel, co-workers, and everyone else he has worked with over the years.

One of the highlights of the evening was a public speaking "roast" provided by current Equine Agent Howard Cormier. Johnny also informed the attendees that he will continue to work in the rice industry by consulting and working with Ducks Unlimited. We wish Dr. Saichuk the best in his retirement.

## Speaking of Ducks Unlimited...

Did you hear that Ducks Unlimited, USA Rice and more than 40 other partners received funding for their Regional Conservation Partnership Program (RCPP) proposal? The proposal was titled "Rice Stewardship Partnership - Sustaining the Future of



Rice," and the goal of the funded project is to help rice producers conserve natural resources such as water, soil and waterfowl habitat, while having long-term positive impacts on their bottom line. For more information on this \$10 million award [click here](#).

Louisiana Rice Stewardship Partnership was also granted RCPP funding for over \$1 million. Under the NRCS administered program, Ducks Unlimited, the LSU AgCenter and seven other collaborating partners will expand the Rice Stewardship Program in southwest Louisiana. The funding will be used to work with nearly 30 producers on more than 11,500 acres to address the top resource concerns of water quality, water quantity, and wildlife habitat. For more information on this program [click here](#).

## Have you 'burnt down' yet?

I was always told that if you want to maximize yields from a weed control perspective you have to start clean and finish clean. Hopefully, by now you have decided on a burndown herbicide strategy. If not, you need to be sure to keep in mind the plant back restrictions when using certain herbicides. For example, if you plan to plant on March 15, you would not want to use a Valor + glyphosate burndown combination after Feb. 8. A list of common burndown combinations and plant back restrictions follows. It was put together by Dr. Eric Webster.

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Pre-plant Burndown	Rice Plant Back (Days)
2,4-D	30; 1 inch rain
FirstShot + glyphosate	0
Gramoxone XL	0
Grandstand + glyphosate	21 dry-seeded/14 water-seeded
glyphosate	0
Leadoff 1.5 oz./A	pH < 6.5; 60 days
Leadoff 2.0 oz./A	pH < 6.5; 90 days
Sharpen + glyphosate	0
Valor + glyphosate	30

Upcoming	
Feb. 10	Louisiana Rice Council & Louisiana Rice Growers Association Annual Joint Membership Meeting, Jennings
Feb. 11-13	Louisiana Agricultural Technology & Management Conference, Marksville
Feb. 12	Northeast Louisiana Rice Forum, Delhi
July 1	Rice Research Station Field Day, Crowley

## Rice Base Program Survey

A couple of weeks ago you (Louisiana farmers) should have received an email requesting your participation in a survey. The purpose of the survey is to determine your thoughts on and input on the Louisiana Rice Extension Program. Do you enjoy reading Louisiana Rice Notes? Do you attend field days? Do you use the DD50 program? Do you use the RiceScout mobile application? Should we make more mobile applications? Do you like the Rice Verification Program? All in all, what can the statewide rice extension program do to improve our service to you in the future? Let us know your thoughts. If you misplaced your original e-mail you can use this link ([2014 Rice Program Survey](#)) to take the survey. Thank you in advance for your participation.

## Random Rice Fact



Did you know that in the year 1900 Louisiana had 60 rice mills? In fact, at one point the number of rice mills in Louisiana swelled to more than 100. Today I can only think of eight working rice mills in Louisiana. Can you name them?

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### Additional Information

Louisiana Rice Notes is published biweekly to provide timely information and recommendations for rice production in Louisiana. If you would like to be added to this email list, please send your request to [dharrell@agcenter.lsu.edu](mailto:dharrell@agcenter.lsu.edu).

This information will also be posted to the LSU AgCenter website where additional rice information can be found. Please visit [www.lsuagcenter.com](http://www.lsuagcenter.com).

### Louisiana Rice Mills

- Falcon Rice Mill - Crowley
- Farmers Rice Mill - Lake Charles
- Kennedy Rice Mill - Mer Rouge
- KONRICO Rice Mill (Conrad) - New Iberia
- Louisiana Rice Mill (Supreme) - Crowley

### Random Rice Fact

- Louisiana Rice Mill - Mermentau
- Planters Rice Mill - Abbeville
- Southwest Rice Mill - Crowley



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