



DIVISION OF AGRICULTURE
RESEARCH & EXTENSION

University of Arkansas System

Arkansas Rice Update

Dr. Jarrod Hardke, Dr. Bob Scott, and Dr. Gus Lorenz

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AV-1011 Bird Repellent

Don't Rush to Plant

A late round of winter weather has affected the majority of the state for the past week, particularly in the north where as much as 8 inches of snow were reported. In the coming days, we should see only gradual improvement over current low temperatures in the 30s.

It looks like high temperatures in the low 60s as we move into a weekend filled with rain chances and increasing temperatures. Unfortunately, rain chances persist into the start of April with highs falling back down into the 50s and 60s. Worst of all, our lows will be in the 40s. Recommended soil temp at planting is 60°F at 4 inches. While some areas might be lucky enough to have ground dry enough to plant for a day or two before it rains again, this mixed bag of a forecast should give you reason to hold off.

Rice seed is getting more and more expensive each year, and we now heavily “front-load” the cost of production. By the time we’ve paid for the seed and paid to have it coated with everything money can buy, it’s best to protect that investment and wait to put it in a situation where it has a real chance to succeed. There’s no point in trying to be the first one with seed in the ground. Maybe one day I’ll start passing out blue ribbons for the effort, but until I can start handing out cash to pay for your replant, I recommend you just hold off on planting until the weather is right.

2013 Rice Quick Facts sheets now available at your local County Extension office.

Many people may have seen an article on this product in Delta Farm Press. Be aware that this product is NOT registered for use in the state of Arkansas. Please do not misunderstand the article – only Louisiana has applied for and received approval to use this product on rice. A label will be pursued for this product for use on rice in Arkansas, but it will NOT be for 2013. This product has received approval (24c) for use on corn in Arkansas for 2013.

New Zidua herbicide label

New labels have been released for Zidua herbicide (pyroxasulfone, BASF). This product is NOT for use in rice but has certain plant-back restrictions for rice which are important for those growing various cropping rotations. See the table below for specific restrictions for rotating to rice next season after using Zidua in corn or soybean. Valent also received registration of Fierce herbicide (Valor + Zidua) which has an 18-month rotation to rice.

Crop	Zidua Use Rate (oz/A)			
	1.0	2.0	3.0	4.0
	Rotational Crop Interval (months after application)			
Rice	10	12	18	24

Insecticide Seed Treatments

Considering an Insecticide Seed Treatment?

I have recently received several calls from growers trying to decide whether or not to use an insecticide seed treatment. With all of the front-loaded costs of production these days, growers are spending a lot of money before they ever see

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a crop coming out of the ground. So, is an insecticide seed treatment worth the additional cost? We have been conducting trials for several years evaluating rice insecticide seed treatments. Based on these results we feel comfortable in recommending them to the grower. Averaged across small and large block trials scattered around the state, the data shows an 8-10 bu/A yield increase for insecticide seed treatments over the untreated check.

What are the options for insecticide seed treatments in rice?

There are currently three choices for an insecticide seed treatment in rice: CruiserMaxx Rice, NipsIt INSIDE, and Dermacor X-100. All of these products provide good control of rice water weevil. Cruiser and NipsIt have a slight edge on grape colaspis (lespedeza worm) control compared to Dermacor. Dermacor gives added protection against armyworms that come out of wheat in the spring to invade seedling rice while Cruiser and NipsIt do not. While they all have their individual attributes, the yield increase observed for all three of these products is very similar. This means that depending on what the particular situation is, do some shopping and get the best price for the product that will do the job you need it to do. Keep in mind when comparing prices that CruiserMaxx also contains fungicides. NipsIt and Dermacor seed treatments are insecticides alone but should be priced with the addition of a fungicide package.

Are there additional benefits of insecticide seed treatments?

Sometimes in our trials we have observed increased vigor associated with seed treatments. Rice may emerge a little faster and we have seen

increased stand counts and additional plant height. This is not always the case but often seems to occur in situations where environmental conditions may deteriorate after planting.

What if my seed already has a fungicide seed treatment?

One question asked recently concerns applying CruiserMaxx to hybrid seed that already has a base fungicide treatment since CruiserMaxx also contains fungicides. Is there a concern with exceeding labeled use of fungicides or causing a negative impact on the rice? If the labeled rate of 7 oz. per 100 lbs. of seed is used then neither of these are a concern. You are well within the limits on the label and our studies have not shown any phytotoxicity.

Considerations for using a seed treatment

If you still are undecided on whether or not to use an insecticide seed treatment, consider your situation:

- Planting early or the potential for unfavorable conditions is high?
- Seeding rate is below recommended rates or planting seed that may have vigor issues?
- Have a history of rice water weevil or grape colaspis?

In these situations you should strongly consider a seed treatment.

Additional Information

Arkansas Rice Updates are published periodically to provide timely information and recommendations for rice production in Arkansas. If you would like to be added to this

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email list, please send your request to jhardke@uaex.edu.

This information will also be posted to the Arkansas Row Crops where additional information from Extension specialists can be found. Please visit the blog at <http://www.arkansas-crops.com/>

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