



Arkansas Rice Update

Drs. Jarrod Hardke & Bob Scott

April 6, 2018 No. 2018-06

www.uaex.edu/rice

Crop Progress

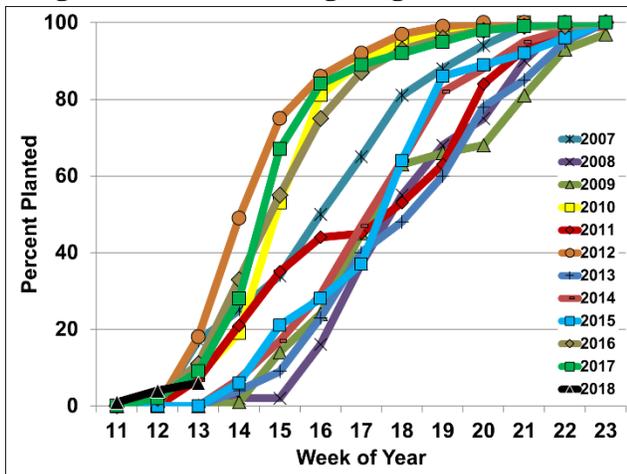
Another week, a little more planting progress. So, **Fig. 1** is a cleaned up version from last week that better shows where we are relative to previous years. Notice that we're still really close to where we were in 2017 and 2016 – we aren't behind. So, we would like to be making a little more progress in the next couple of weeks but we're ok at the moment.

The forecast for next week should open things up considerably before more rain at the end of the week. Aside from some areas of the state getting pretty heavy rainfall amounts today, many may be running wide open starting Monday. Past experience tells us that we can plant a lot of rice in a very short window, and we may be about to see that once again.

My grandfather always said he didn't have any winter seed, so he tended to not plant rice very early. But there was still a year when it started sleeting just as the levees were being finished up. Rice is a wonderful plant because of its hardiness under stressful conditions.

Probably the greater concern is slow emerging, slow growing rice that may occur after this cold weather event. If we stay cool and get rains at that point, seedling diseases may start to work the plants over before we can outrun them. Fungicide seed treatments mostly provide up to three weeks protection from soil-borne fungal and Pythium diseases to seeds and newly emerging rice seedlings. The longer small seedlings remain in periods of slow growth, the more susceptible they are to seedling diseases.

Fig. 1. AR Rice Planting Progress 2007-2018.



Bob Scott – New Director of Rice Research & Extension Center

After 16 years as Extension weed scientist, Dr. Scott took over as Director of the University of Arkansas System Division of Agriculture's Rice Research & Extension Center effective April 1. Please join me in congratulating him on the new position.



Rice & Toboggan Weather

“Get busy living, or get busy dying.” That’s really all a rice plant does. A little cold weather isn’t enough to kill it off, though it will slow growth. Rice below the soil surface, germinated or not, will be fine through these cold nights. Rice emerged above the soil line could see some frost injury but will otherwise be fine as well. In a week or so you’ll see a white band on the leaves that were at the soil line when the cold occurred.

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Loyant Herbicide Tank-Mix Partners

With the number of questions floating around about this new herbicide, the first thing to do is to check out <http://loyanttankmix.com>. This is a list of the active ingredients that Loyant CANNOT be tank-mixed with. **Tables 1 and 2** provide an overview of herbicides and ability to tank mix pulled from the website. However, always consult the website for final determination as the list is subject to change. Also, this list contains only herbicides, and there are insecticides and fungicides which CANNOT be tank mixed with Loyant – those can also be found on the website at the link above.

Table 1. Herbicide products than can or cannot be tank mixed with Loyant herbicide.

Trade name	Common name	Tank Mix Yes/No
clomazone	Command	Yes
cyhalofop	Clincher	Yes
thiobencarb	Bolero	Yes
imazethapyr	Newpath	Yes
imazomox	Beyond	Yes
quizalofop	Provisia	Yes
penoxsulam + cyhalofop	Rebel EX	Yes
2,4-D	2,4-D	No
acifluorfen	Ultra Blazer	No
bensulfuron	Londax / Duet	No
bentazon	Basagran	No
bispyribac	Regiment	No
carfentrazone	Aim	No
fenoxaprop	Ricestar HT	No
halosulfuron	Permit / Permit Plus / Gambit	No
imazosulfuron	League	No
orthosulfuron	Strada	No
pendimethalin	Prowl	No
penoxsulam + fenoxaprop	Grasp + Ricestar	No
propanil	Stam / Super Wham	No
quinclorac	Facet	No
saflufenacil	Sharpen	No
triclopyr	Grandstand	No

Table 2. Herbicide product combinations that cannot be tank mixed with Loyant herbicide.

Trade name	Common name	Tank Mix Yes/No
cyhalofop + bentazon	Clincher + Basagran	No
cyhalofop + bispyrbac	Clincher + Regiment	No
cyhalofop + glufosinate	Clincher + Liberty	No
cyhalofop + glyphosate	Clincher + RoundUp	No
cyhalofop + imazomox	Clincher + Beyond	No
cyhalofop + Penoxsulam	Clincher + Prowl	No
cyhalofop + Quinclorac	Clincher + Facet	No
cyhalofop + triclopyr	Clincher + Grandstand	No
cyhalofop + fenoxaprop	Clincher + Ricestar	No

Managing Furrow Irrigated Rice

An information sheet developed last year on Managing Furrow-Irrigated Rice in Arkansas can be found here: <https://uaex.edu/farm-ranch/crops-commercial-horticulture/rice/2017%20Managing%20Furrow%20Irrigated%20Rice.pdf>.

Please note that best management practices for furrow-irrigated rice production can vary widely depending on the individual field. This information sheet was developed to provide general guidance, and more specific questions should be directed to us as each field situation dictates. Additional research is ongoing to provide better answers to many of the questions and variable field conditions under which this management practice is being attempted.

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

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

More information on rice production, including access to all publications and reports, can be found at <http://www.uaex.edu/rice>.

Acknowledgements

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