

Rice Research Verification Program Update **July 5, 2016**

General Comments

South Arkansas: The southern fields are progressing rapidly with ample heat units accumulating fast. Disease pressure has been very low with sheath blight at a minimum as of now. The Jefferson and Lincoln Co. row water fields are scheduled for late boot N applications starting next week. The Jefferson Co. field should be at 50% heading on 7/9 according to the DD50. The Desha Co. field has received midseason N and the Monroe Co. field has it on the books to go out. Several fields are in the reproductive stage and are struggling to maintain a proper flood in areas of some paddies. During scouting, dry to moist soil has been detected and in most cases has been easily corrected. As the boots are filling stink bugs are building and waiting on rice to head.

North Arkansas: All fields in the program continue to progress well. The disease pressure is very light thus far. Sheath blight detected in Jackson Co. has remained low on the plant with positive stops well below treatment threshold for another week. One disturbing phenomenon however is all the rice stink bugs that are already so easily visible in virtually every field. According to the DD50, there will not be seed heads emerging and susceptible to stinkbug damage in a program field for another week. We will continue to keep a close watch on the situation and start routine sweeps for the stinkbugs in each field at 75% panicle emergence.

South Arkansas				
County	Cultivar	Seeding: Date Method Rate Treatment Emergence Density	Stage	General Information & Application (Rates listed per acre)
Arkansas	Diamond	4-9-16 Drill 75 lbs/acre Cruiser Maxx Rice 4-18-18 18 plants ft ²	Internode Elongation	<u>Pre-plant fertilizer applied at planting:</u> N-P-K 0-30-90 <u>Herbicides applied at planting:</u> Command 0.8 pt. + League 4 oz. <u>Post-emergence herbicides:</u> Facet 0.33 lb. <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 225 lbs. urea + NBPT. Permanent flood has been established. No midseason N is required.
Ashley	CLXL729	4-26-16 Drill 26 lbs/acre RTST* 24 lbs./acre 5-10-16 6 plants ft ²	Internode Elongation	<u>Pre-plant fertilizer applied at planting:</u> N-P-K-Zn 0-0-0-0 <u>Herbicides applied at planting:</u> Glyphosate 1 qt. Command 1 pt. League 3.2 oz. <u>Post-emergence herbicides:</u> Facet L 32 oz. Permit Plus 0.75 oz. + COC 1 qt. <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 260 lbs. urea + NBPT. Permanent flood has been established.

<p>Chicot</p>	<p>CLXL745</p>	<p>4-26-16 Drill 24 lbs/acre RTST* 5-15-16 2 plants ft²</p>	<p>Internode Elongation</p>	<p><u>Pre-plant fertilizer applied at planting:</u> N-P-K 18-46-0 <u>Herbicides applied at planting:</u> Glyphosate 1 qt. Command 1 pt. Sharpen 2 oz. + COC 1% <u>Post-emergence herbicides:</u> Ricestar HT 24 oz. Command 0.8 pt. + NIS 0.25% <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 200 lbs. urea + NBPT. Permanent flood has been established.</p>
<p>Desha</p>	<p>Roy J</p>	<p>4-6-16 Drill 70 lbs/acre Nipsit Suite Rice 4-21-16 19 plants ft²</p>	<p>Internode Elongation</p>	<p><u>Pre-plant fertilizer applied at planting:</u> N-P-K-Zn 0-46-0-4 <u>Herbicides applied at planting:</u> Command 0.8 pt. + League 3.2 oz. <u>Post-emergence herbicides:</u> Facet L 32 oz. + COC 1 qt. <u>Nitrogen management:</u> Applied single pre-flood N according to N-STaR at 240 lbs. urea + NBPT. Permanent flood has been established. Midseason N 100 lbs. urea applied 6/17.</p>
<p>Jefferson</p>	<p>XL753</p>	<p>3-29-16 Drill Row-Water 24 lbs/acre Cruiser Maxx Rice 4-15-16 6 plants ft²</p>	<p>Internode Elongation</p>	<p><u>Pre-plant fertilizer applied at planting:</u> N-P-K 0-50-0 <u>Herbicides applied at planting:</u> Touchdown 26 oz. + Command 1.3 pt. + League 4 oz. <u>Post-emergence herbicides:</u> Prowl H2O 2.1 pts. FB** Facet L 32 oz. + COC 1 qt. <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 325 lbs. urea + NBPT. Intermittent row water is being applied. Additional 100 lbs. urea applied to offset N loss associated with row watering. Intermittent flooding.</p>

<p>Lee</p>	<p>Roy J</p>	<p>4-26-16 Drill 75 lbs/acre Cruiser Maxx Rice + Zinc 5-10-16 17 plants ft²</p>	<p>Tillering</p>	<p><u>Pre-plant fertilizer applied at planting:</u> N-P-K-Zn 0-30-60-10 <u>Herbicides applied at planting:</u> Command 0.8 pt. Sharpen 2 oz. <u>Post-emergence herbicides:</u> Facet L 26 oz. <u>Nitrogen management:</u> Applied single preflood N according to N-STaR at 250 lbs. urea + NBPT. Permanent flood has been established.</p>
<p>Lincoln</p>	<p>XL753</p>	<p>4-9-16 Drill Row Water 24 lbs/acre Cruiser Maxx Rice 4-20-16 5 plants ft²</p>	<p>Internode Elongation</p>	<p><u>Pre-plant fertilizer applied at planting:</u> N-P-K 0-0-0 <u>Burndown herbicides applied:</u> Afforia 2.5 oz. + 2,4-D 1 pt. + Select 12 oz. <u>Herbicides applied at planting:</u> Command 1 pt. + League 4 oz. <u>Post-emergence herbicides:</u> Prowl H2O 2.1 pts. FB Facet L 32 oz. + Permit 1 oz. + COC 1 qt. <u>Nitrogen management:</u> Applied preflood N according to N-STaR at 300 lbs. urea + NBPT. Intermittent row water is being applied. Additional 100 lbs. urea applied to offset N loss associated with row watering. Continual row water flood applied.</p>
<p>Phillips</p>	<p>Roy J</p>	<p>5-11-16 Drill 75 lbs/acre</p>	<p>Tillering</p>	<p><u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-0-0-0 <u>Herbicides applied at planting:</u> Command 1 pt. Facet L 25 oz. <u>Post-emergence herbicides:</u> Facet L 25 oz. + COC 1 qt. <u>Nitrogen management:</u> Apply preflood N according to N-STaR at 175 lbs. urea + NBPT. Permanent flood has been established.</p>

Monroe	Jupiter	<p>4-16-16 Drill 65 lbs/acre Cruiser Maxx Rice 4-26-16 16 plants ft²</p>	Internode Elongation	<p><u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-60-60-0 <u>Herbicides applied at planting:</u> Command 0.8 pt.+ League 4 oz.+ Glyphosate 1 qt. <u>Post-emergence herbicides:</u> Prowl H2O 2.1 pts. + League 2.4 oz. FB Facet L 25 oz. + Permit Plus 75 oz. <u>Nitrogen management:</u> Applied preflood N according to N-STaR at 180 lbs. urea + NBPT. Permanent flood has been established.</p>
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North Arkansas				
County	Cultivar	Seeding: Date Method Rate Treatment Emergence Density	Stage	General Information & Application (Rates listed per acre)
Clay	XL753	<p>4-15-16 Drill 24 lbs/acre RTST + Nipsit 4-28-16 6 plants ft²</p>	Internode Elongation	<p><u>Pre-plant fertilizer applied</u> N-P-K-Zn 0-20-80-10 <u>Burndown herbicide applied:</u> Round Up 28 oz. + Sharpen 2 oz. + MSO 12 oz. <u>Herbicide applied at planting:</u> Command 0.8 pt. + Facet L 22 oz. Applied 100 lbs. Ammonium Sulfate for thin stand treatment <u>Nitrogen management:</u> Applied preflood N according to N-STaR at 220 lbs. urea + NBPT. Permanent flood has been established.</p>

Conway	XL753	<p>4-13-16 Drill 23 lbs/acre RTST + Nipsit 4-24-16 5 plants ft²</p>	Internode Elongation	<p><u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-0-0-0 <u>Herbicide applied at planting:</u> Command 1.1 pt.+ Glyphosate 1 qt. Applied 100 lbs. Ammonium Sulfate for thin stand treatment. <u>Post-emergence herbicides:</u> RiceBeaux 4 qt. <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 155 lbs. urea + NBPT. Permanent flood has been established.</p>
Cross	Roy J	<p>4-07-16 Broadcast 90 lbs/acre Cruiser Maxx Rice 4-20-16 20 plants ft²</p>	Internode Elongation	<p><u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-50-90-5 <u>Herbicide applied at planting:</u> Command 0.8 pt. <u>Post-emergence herbicides:</u> Obey 22 oz. + Permit Plus 0.75 oz. + COC 1 % <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 220 lbs. urea + NBPT. Permanent flood has been established. Applied midseason N at 100 lbs. urea.</p>
Jackson	CL151	<p>3-28-16 Drill 74 lbs/acre Cruiser Maxx Rice 4-17-16 22 plants ft²</p>	Internode Elongation	<p><u>Pre-plant fertilizer applied:</u> N-P-K-Zn 14-46-30-1.5 <u>Herbicide applied at planting:</u> Command 1.1 pt. <u>Post-emergence herbicides:</u> Newpath 4 oz. + Surfactant .25% FB** Newpath 4 oz. + Surfactant .25% <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 145 lbs. urea + NBPT. Permanent flood has been established. Applied midseason N at 100 lbs. urea. <u>Midseason herbicides:</u> Beyond 5 oz. + COC 1%</p>

Lawrence	CL151	4-14-16 Drill 74 lbs/acre Cruiser Maxx Rice 4-29-16 13 plants ft ²	Internode Elongation	<u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-68-0-0 <u>Herbicide applied at planting:</u> Command 0.8 pt + Glyphosate 1.3 qt. <u>Post-emergence herbicides:</u> Newpath 4 oz. + Strada 2 oz. + Surfactant 0.25% FB Clearpath .5 lb. + Permit Plus .75 oz. + COC 1% <u>Nitrogen management:</u> Applied single pre-flood according to N-STaR at 175 lbs. urea + NBPT. Permanent flood is being established.
Mississippi	XL753	4-09-16 Drill 24 lbs/acre RTST* 4-22-16 7 plants ft ²	Internode Elongation	<u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-0-0-0 <u>Herbicide applied at planting:</u> Command 1.1 pt.+ Facet L 38 oz. Applied 100 lbs. Ammonium Sulfate for declining stand treatment <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 240 lbs. urea + NBPT. Permanent flood has been established.
Randolph				
White	XL753	5-8-16 Drill 22 lbs/acre RTST+Nipsit 5-15-16 7 plants ft ²	Tillering	<u>Pre-plant fertilizer applied:</u> N-P-K-Zn 0-50-50-10 (limited to 18 of 36 acres) <u>Herbicide applied at planting:</u> Command 1.1 pt. <u>Post-emergence herbicide:</u> Propanil 3 qt. <u>Nitrogen management:</u> Applied pre-flood N according to N-STaR at 200 lbs. urea + NBPT. Permanent flood has been established.

*RiceTec Standard Seed Treatment

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