

Arkansas ROW CROP VERIFICATION



USA DIVISION OF AGRICULTURE
RESEARCH & EXTENSION
University of Arkansas System



Rice Research Verification Program Update May 26, 2017

South Arkansas: More rain is threatening this weekend and growers have scrambled to make applications. Three more fields have been sprayed and received N-STaR applications and permanent flood. Those include Lonoke, Desha, and Clark Counties. This brings the total to eight out of nine fields have gone to flood. High winds and wet soil has delayed herbicide and fertilizer applications. The Pulaski County field is waiting on levees to go in. With more rain threatening it could be a while.

General:

North Arkansas: Another good week of growth has moved most program fields to the tillering stage. Clay and Conway fields have received their pre-flood nitrogen and permanent flood. Preparations for the permanent flood and scheduling for the N-STaR pre-flood nitrogen application and are underway for Jackson, Woodruff and White. Areas of the St. Francis field will need a few more days before reaching that point. Poinsett likewise needs more growth. The original field for Randolph is not expected to dry up in time for planting rice. An alternative field for the county is currently under consideration.

South Arkansas

County	Variety	Seeding: Date Method Rate Treatment Emergence Density	Stage	General Information & Application (Rates listed per acre)
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<p>Arkansas</p>	<p>Diamond</p>	<p>4-19-17 Drill 65 lbs/acre Cruiser Maxx Rice 5/2/17 18 plants ft²</p>	<p>Early Tillering</p>	<p><u>Pre-plant fertilizer applied:</u> N P K Zn 0-30-90-10 <u>Herbicides applied at planting:</u> Command 12.8 oz. League 6.4 oz. <u>Early post-emergence herbicides:</u> Propanil 4 qts. Facet L 32 oz. COC 1 pt. <u>Pre-flood nitrogen applied:</u> N-STaR 240 lbs. urea + NBPT <u>Permanent flood applied (5/26)</u></p>
<p>Clark</p>	<p>LaKast</p>	<p>4/21/17 Drill 88 lbs/acre Cruiser Maxx Rice 5/4/17 28 plants ft²</p>	<p>Early Tillering</p>	<p><u>Pre-plant fertilizer applied at planting:</u> N P K Zn 18-46-90-10 <u>Early post-emergence herbicides:</u> Command 12.8 oz. League 6.4 oz. Propanil 4 qts. <u>Pre-flood nitrogen applied:</u> N-STaR 200 lbs. urea + NBPT <u>Permanent flood applied (5/25)</u></p>
<p>Desha</p>	<p>Roy J</p>	<p>4-10-17 Drill 67 lbs/acre Cruiser Maxx Rice + Zinc 4/20/17 14 plants/ft²</p>	<p>Early Tillering</p>	<p><u>Pre-plant fertilizer applied:</u> N P K Zn 0-40-0-0 <u>Herbicides applied at planting:</u> Command 20 oz. League 6.4 oz. <u>Post-emergence herbicides:</u> Duet 3 qts. <u>Pre-flood nitrogen applied:</u> N-STaR 170 lbs. urea + NBPT <u>Permanent flood applied (5/26)</u></p>

<p>Jefferson</p>	<p>XL753</p>	<p>4-7-17 Drill-(Row Water) 24 lbs/acre RTST* 4/20/17 8 plants/ft²</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> Roundup Power Max 27 oz. Command 16 oz. League 6.4 oz. <u>Post-emergence herbicides:</u> Facet L 22 oz. COC 1pt. <u>Pre-flood nitrogen applied:</u> N-STaR 150 lbs. urea + NBPT <u>Intermittent flushing for row rice (5/16)</u></p>
<p>Lafayette</p>	<p>Mermentau</p>	<p>4/1/17 Drill 95 lbs/acre Cruiser Maxx Rice 4/16/17 20 plants/ft²</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 24 oz. Glyphosate 32 oz. <u>Post-emergence herbicides:</u> Regiment .5 oz. Facet L 32 oz. Permit 1oz. Dyne-Amic 1 pt. <u>Pre-flood nitrogen applied:</u> 340 lbs. urea + NBPT <u>Applied permanent flood (5/12)</u></p>
<p>Lincoln</p>	<p>CL XL745</p>	<p>3-31-17 Drill (Continuous Rice) 25 lbs/acre RTST 4-13-17 9 plants/ft²</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> Newpath 5 oz. Command 19 oz. <u>Post-emergence herbicides:</u> Super Wham 3 qts. Prowl H2O 2.1 pts. Command 16 oz. fb** Clearpath .5 lb. Permit Plus .75 oz. COC 1 pt. <u>Pre-flood nitrogen applied:</u> 200 lbs. urea + NBPT <u>Permanent flood applied (5/13)</u></p>

Lonoke	XL753	4-14-17 Drill 19 lbs/acre RTST* 4/26/17 6 plants ft ²	Early Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-60-90-10 <u>Herbicides applied at planting:</u> Command 12.8 oz. League 6.4 oz. Roundup 32 oz. <u>Post-emergence herbicides::</u> Facet L 32 oz. Permit Plus .75 oz. Sharpen 1 oz. <u>Pre-flood nitrogen applied:</u> N-STaR 225 lbs. urea + NBPT <u>Permanent flood applied (5/26)</u>
Prairie	RT 7311 CL	3-30-17 Drill 24 lbs/acre RTST* 4/12/17 8 plants/ft ²	Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-30-60-0 <u>Herbicides applied at planting:</u> Command 12.8 oz. League 6.4 oz. <u>Post-emergence herbicides:</u> Clearpath .5 lb. COC 1 pt. <u>Pre-flood nitrogen applied:</u> 260 lbs. urea <u>Permanent flood applied: (5/10)</u>
Pulaski	Diamond	4/15/17 Drill 65 lbs/acre Cruiser Maxx Rice 4/28/17 22 plants ft ²	4-5 leaf	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-0-0-0 <u>Herbicides applied at planting:</u> Command 16 oz. <u>Post-emergence herbicides:</u> Facet L 22 oz. Permit 1 oz. COC 1 pt. <u>Post-emergence herbicides:</u> Command 16 oz. League 6.4 oz. Propanil 4 qts. COC 1 pt. Waiting on levees to go in.
North Arkansas				

County	Variety	Seeding: Date Method Rate Treatment Emergence Density	Stage	General Information & Application (Rates listed per acre)
Clay	CL 153	04/6/17 Drilled 65 lbs/acre Apron Maxx RTA 04/18/17 10 plants/ft ²	Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn S 0-45-90-5-10 <u>Herbicides applied at planting:</u> Clearpath 0.5 lb. <u>Post-emergence herbicides:</u> Newpath 4 oz. Sharpen 1 oz. COC 6.4 oz. <u>Pre-flood nitrogen applied:</u> 288 lbs. urea + NBPT Applied permanent flood (5/25)
Conway	XL753	04/15/17 Drilled 24 lbs/acre RTST* 4/26/17 5.8 plants/ft ²	Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 18-46-0-0 <u>Herbicide applied delayed-pre:</u> Prowl H2O 2 pts. Bolero 3 pts. Glyphosate 32 oz. <u>Post-emergence herbicides:</u> Propanil 3 qts. <u>Pre-flood nitrogen applied:</u> 155 lbs. urea + NBPT Applied permanent flood (5/26)
Jackson	CL XL745	04/11/17 Drill 26 lbs/acre RTST* 6 plants/ft	Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-46-60-0 <u>Herbicides applied at planting:</u> Command 12.8 oz. <u>Post-emergence herbicides:</u> Newpath 4 oz. Nonionic surfactant 2.6 oz.fb** Clearpath .5 lb. COC .5 pt.

Poinsett	Roy J	04/14/17 Drill 66 lbs/acre Cruiser Maxx Rice 04/25/17 11.8 plants/ft ²	3-4 leaf	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-90-112-0 <u>Herbicides applied at planting:</u> Command 12.8 oz. <u>Post-emergence herbicides:</u> Facet L 32 oz. Prowl H20 2.1 pt. COC 1 qt.
St. Francis	Diamond	04/06/17 Drill 66 lbs/acre Cruiser Maxx Rice Zinc 04/17/17 22 plants/ft ²	Early Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-55-90-3 <u>Herbicides applied at planting:</u> Command 12.8 oz. League 6.4 oz. <u>Post-emergence herbicides:</u> Sharpen 1 oz. COC 6.4 oz. fb** Ricestar 24 oz.
White	XL753	04/20/17 Drill 26 lbs/acre RTST* 05/03017 8 plants/ft ²	Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-0-60-0 <u>Herbicides applied at planting:</u> Glyphosate 3pts. First Shot .5 oz. <u>Post-emergence herbicides:</u> Facet L 22 oz. Prowl H20 2.1 pts. COC 1 qt. fb**
Woodruff	Diamond	04/10/17 Drill 66 lbs/acre Cruiser Maxx Rice 04/16/17 20 plants/ft ²	Tillering	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-45-90-0 <u>Pre-plant herbicides applied:</u> Glyphosate 32 oz. First Shot .5 oz <u>Herbicides applied at planting:</u> Command 12.8 oz League 6.4 oz <u>Post-emergence herbicides:</u> Facet L 22 oz. COC 1 qt.

* RiceTec Standard Seed Treatment which includes NipsIt insecticide

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