

Arkansas  
**ROW CROP VERIFICATION**



UofA DIVISION OF AGRICULTURE  
RESEARCH & EXTENSION  
University of Arkansas System



**Rice Research Verification Program Update  
July 7, 2017**

**General:**

**South Arkansas:** With the favorable weather conditions rice blast has been detected in the Clark County field. Stink bugs are close to threshold levels in the Lincoln and Prairie County fields which were the first to reach heading. Increased stink bug numbers are mostly around the edges of Prairie while those in Lincoln are scattered on weedy rice. Sheath blight has been at low levels so far. Irrigation pumping has been extremely low. Other than an initial flood the Lincoln County flowmeter reading has not moved since 5/13.

**North Arkansas:** Weather conditions this week combined with the current growth stage of most fields have created a more favorable environment for sheath blight. A positive check or two around field edges where the grain drill overlapped confirms the disease is present in a few cases and will need to be closely monitored but, so far, no program field has reached treatment level even around the edges.

**South Arkansas**

County	Variety	Seeding: Date Method Rate Treatment Emergence Density	Stage	General Information & Application (Rates listed per acre)
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Arkansas	Diamond	<p>4-19-17 Drill 65 lbs/acre Cruiser Maxx Rice 5/2/17 18 plants ft<sup>2</sup></p>	Early-Boot	<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> <u>Mid-season applied (6/22)</u> 100 lbs. urea.</p>
Clark	LaKast	<p>4/21/17 Drill 88 lbs/acre Cruiser Maxx Rice 5/4/17 28 plants ft<sup>2</sup></p>	Mid-Boot	<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> <u>Mid-season applied (5/26)</u> 100 lbs. urea.</p>
Desha	Roy J	<p>4-10-17 Drill 67 lbs/acre Cruiser Maxx Rice + Zinc 4/20/17 14 plants/ft<sup>2</sup></p>	Early-Boot	<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> <u>Mid-season applied (6/26)</u> 100 lbs. urea.</p>

<p><b>Jefferson</b></p>	<p>XL753</p>	<p>4-7-17 Drill-(Row Water) 24 lbs/acre RTST* 4/20/17 8 plants/ft<sup>2</sup></p>	<p>Mid-Boot</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> 1<sup>st</sup> shot 150 lbs. urea + NBPT (5/22) Intermittent flushing for row rice (5/23) 2<sup>nd</sup> shot 150 lbs. urea + NBPT (5/30) 3<sup>rd</sup> shot 75 lbs. urea +NBPT (6/6)</p>
<p><b>Lafayette</b></p>	<p>Mermentau</p>	<p>4/1/17 Drill 95 lbs/acre Cruiser Maxx Rice 4/16/17 20 plants/ft<sup>2</sup></p>	<p>Late-Boot</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 1 oz. Dyne-Amic 1 pt. <u>Pre-flood nitrogen applied:</u> 340 lbs. urea + NBPT <u>Applied permanent flood (5/12)</u> <u>Applied mid-season (6/12)</u> 100 lbs. urea.</p>
<p><b>Lincoln</b></p>	<p>CL XL745</p>	<p>3-31-17 Drill (Continuous Rice) 25 lbs/acre RTST 4-13-17 9 plants/ft<sup>2</sup></p>	<p>10% Heading</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 0.5 lb. Permit Plus 0.75 oz. COC 1 pt. <u>Pre-flood nitrogen applied:</u> 200 lbs. urea + NBPT <u>Permanent flood applied (5/13)</u> <u>Late boot applied (5/30)</u> 70 lbs. urea</p>

<p><b>Lonoke</b></p>	<p>XL753</p>	<p>4-14-17 Drill 19 lbs/acre RTST 4/26/17 6 plants ft<sup>2</sup></p>	<p>Mid-Boot</p>	<p><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 0.75 oz. Sharpen 1 oz. <u>Pre-flood nitrogen applied:</u> N-STaR 225 lbs. urea + NBPT <u>Permanent flood applied (5/26)</u></p>
<p><b>Prairie</b></p>	<p>RT 7311 CL</p>	<p>3-30-17 Drill 24 lbs/acre RTST 4/12/17 8 plants/ft<sup>2</sup></p>	<p>30% Heading</p>	<p><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 0.5 lb. COC 1 pt. <u>Pre-flood nitrogen applied:</u> 260 lbs. urea <u>Permanent flood applied (5/10)</u> <u>Late boot applied: (5/23)</u> 70 lbs. urea</p>

<b>Pulaski</b>	Diamond	4/15/17 Drill 65 lbs/acre Cruiser Maxx Rice 4/28/17 22 plants ft <sup>2</sup>	IE	<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. <u>Post-emergence herbicides:</u> Facet L 21 oz. Regiment 0.5 oz. Dyna Pak 1% <u>Pre-flood nitrogen applied:</u> 220 lbs. + NBPT <u>Permanent flood applied (6/21)</u> <u>Mid-season applied (7/8)</u> 100 lbs. urea
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**North Arkansas**

<b>County</b>	<b>Variety</b>	<b>Seeding:</b> Date Method Rate Treatment Emergence Density	<b>Stage</b>	<b>General Information &amp; Application (Rates listed per acre)</b>
<b>Clay</b>	CL 153	04/6/17 Drilled 65 lbs/acre Apron Maxx RTA 4/18/17 10 plants/ft <sup>2</sup>	IE	<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 Applied permanent flood (5/25)

<p><b>Conway</b></p>	<p>XL753</p>	<p>04/15/17 Drilled 24 lbs/acre RTST 4/26/17 5.8 plants/ft<sup>2</sup></p>	<p>IE</p>	<p><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> N-STaR 155 lbs. urea + NBPT Applied permanent flood (5/26) <u>Applied 100 lbs. corrective urea (6/22)</u></p>
<p><b>Jackson</b></p>	<p>CL XL745</p>	<p>04/11/17 Drill 26 lbs/acre RTST 6 plants/ft</p>	<p>IE</p>	<p><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 0.5 lb. COC 0.5 pt. <u>Pre-flood nitrogen applied:</u> Ammonium Sulfate 100 lbs. fb N-STaR 185 lbs. urea + NBPT <u>Applied permanent flood (06/09)</u></p>
<p><b>Poinsett</b></p>	<p>Roy J</p>	<p>04/14/17 Drill 66 lbs/acre Cruiser Maxx Rice 04/25/17 11.8 plants/ft<sup>2</sup></p>	<p>IE</p>	<p><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 H2O 2.1 pt. COC 1 qt. <u>Recovery treatment applied:</u> Ammonium sulfate 100 lbs. <u>Pre-flood nitrogen applied:</u> N-STaR 260 lbs. urea + NBPT <u>Applied permanent flood (06/03)</u></p>

<b>Randolph</b>	CL 151	05/19/17 Drill 66 lbs/acre Cruiser Maxx Rice 05/27/17 22 plants/ft <sup>2</sup>	IE	N P K Zn 0-46-60-0 <u>Post-emergence herbicides:</u> Clearpath .5 lb. Sharpen 1 oz. COC 0.5 pt. <u>Pre-flood nitrogen applied:</u> N-STaR 270 lbs. urea + NBPT <u>Applied permanent flood (06/22)</u>
<b>St. Francis</b>	Diamond	04/06/17 Drill 66 lbs/acre Cruiser Maxx Rice Zinc 04/17/17 22 plants/ft <sup>2</sup>	IE	<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. <u>Pre-flood nitrogen applied:</u> N-STaR 200 lbs. urea + NBPT <u>Applied permanent flood (5/30)</u>
<b>White</b>	XL753	04/20/17 Drill 26 lbs/acre RTST 05/03/17 8 plants/ft <sup>2</sup>	IE	<u>Pre-plant fertilizer applied:</u> N P K Zn 0-0-60-0 <u>Herbicides applied at planting:</u> Glyphosate 3pts. First Shot 0.5 oz. <u>Post-emergence herbicides:</u> Facet L 22 oz. Prowl H2O 2.1 pts. COC 1 qt. fb** <u>Pre-flood nitrogen applied:</u> N-STaR 261 lbs. urea + NBPT <u>Applied permanent flood (5/28).</u> <u>Corrective N applied on 10 acres:</u> 100 lbs. urea (6/23)

<p><b>Woodruff</b></p>	<p>Diamond</p>	<p>04/10/17 Drill 66 lbs/acre Cruiser Maxx Rice 04/16/17 20 plants/ft<sup>2</sup></p>	<p>Early-Boot</p>	<p><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 0.5 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. <u>Pre-flood nitrogen applied:</u> 207 lbs. urea + NBPT <u>Applied permanent flood (5/30)</u> <u>Corrective N applied:</u> 100 lbs. urea (6/23)</p>
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\* RiceTec Standard Seed Treatment which includes NipsIt insecticide

\*\* Followed By

† Internode Elongation