

### Rice Research Verification Program Update – June 4, 2018

**General:**

By Ralph Mazzanti and Ron Baker:  
In the south, the fields with permanent flood are Arkansas, Chicot, Desha, and Lonoke Counties. Lee, Jefferson, and Clark Counties are scheduled for herbicide applications then fertilizer followed by permanent flood. The Lincoln Co. (continuous rice) field has multiple resistant weed species prevalent. The wind along with adjacent soybeans has limited herbicide choices.  
In the north, scattered showers, high winds and adjacent susceptible crops have made it difficult to apply scheduled post-emergence herbicides and pre-flood nitrogen. This has made it necessary in some cases to apply only grass herbicides for now and schedule broadleaf herbicides as more favorable wind conditions allow. The objectives of that strategy are timely, essential grass control plus application of the pre-flood N and permanent flood within the optimal DD-50 window.

County	Cultivar	Stage	Additional Agronomic Details
Arkansas	Diamond	2 <sup>nd</sup> Tiller	The field is clean, fertilized, and permanent flood established.
Chicot	RT 7311 CL	3 <sup>rd</sup> Tiller	The permanent flood has been established for 3 weeks. The field is clean and growing well.
Clark	RT XP753	4-5 Leaf/ Tillering	Facet L 1 qt + 1 qt COC. N-STaR 300 lbs. urea + NBPT applied; permanent flood established.
Clay	CL153	Tillering	15 oz Clincher + 1 qt COC applied FB N-STaR 300 lbs urea; permanent flood established.
Craighead	RT XP753	Tillering	N-STaR 135 lbs urea + NBPT applied to clay loam area of field; N-STaR 180 lbs of urea + NBPT applied to sandy loam area of field; furrow irrigation applied.
Desha	RT 7311 CL	3 <sup>rd</sup> Tiller	The field has been flooded. The water was lowered for scum and to allow rice to grow off and pumping has now resumed.
Jackson	Diamond	Tillering	Barnyardgrass problematic; 0.63 oz Regiment + surfactant applied FB N-STaR 260 lbs. urea + NBPT; permanent flood established.
Jefferson	Diamond	2 <sup>nd</sup> Tiller	4 qt Duet + 22 oz Facet L + 1 oz Permit + 1 qt COC. Applied N-STaR 200 lbs. urea + NBPT FB permanent flood.
Lee	Roy J	1 <sup>st</sup> Tiller	3 qt Superwham + 32 oz Facet L + 1 pt COC. Applied N-STaR 200 lbs. urea + NBPT; permanent flood established.
Lincoln	RT Gemini 214 CL	3-Leaf	The field has been flushed. A broad weed spectrum has emerged. Newpath 6 oz applied for grass only. Loyant + MSO will be the likely choice prior to flooding if wind allows. Volunteer rice is widespread.
Lonoke	RT XP753	2 <sup>nd</sup> Tiller	The field is clean, fertilized, and permanent flood established.
Poinsett	Diamond	Tillering	N-STaR 260 lbs urea + NBPT applied; permanent flood established.
Randolph	CL153	Tillering	Pre-flood N/flood-up scheduled.
St. Francis	RT Gemini 214 CL	Tillering	N-STaR 200 lbs urea + NBPT applied; permanent flood established.
White	RT XP753	Tillering	N-STaR 300 lbs urea + NBPT applied; permanent flood established.
Woodruff	RT Gemini 214 CL	2-3 Leaf	Emerged 05-24; stand count 7 plants/ft <sup>2</sup> ; 9 oz QuinSTAR 4L + 15 oz Clincher + 1 qt COC scheduled.

\*Crop Oil Concentrate; \*\*Methylated Seed Oil