Overview

About the Program:

The program is an interdisciplinary effort to verify the recommendations of agronomic, pest, fertility, and irrigation management. Working together with the extension specialist and the field specialist, the grower will enter a field into the program agreeing to follow recommendations based on the University of Missouri management guidelines. Moving forward, weekly reports will be provided as our season progresses.

Objectives:

1. Verify that university recommendations are achieving optimal yield and profitability to the grower.
2. Promotion of timeliness in management decisions.
3. Find areas of research requiring more in-depth evaluation.
4. Educate new field specialists in agronomy.

General Information

The enrolled fields were established within the optimal planting date due to fall preparation along with the spring weather cooperation. The fields enrolled are managed as furrow irrigated rice also known as 'row rice.' With a little luck some areas of the rice growing region will catch more than trace amounts of rainfall this week to finish out emergence and feel more comfortable with activation of future residual herbicides.

County	Cultivar	Planted/Rate/Stage	Agronomic Details
Mississippi	RT XP753* (FIR)	4/1/24#Spiking	Pre-Command (12.8 oz) + Sharpen (3 oz) + Glyphosate (32 oz)
Stoddard	RT 7521 FP* (FIR)	4/15/22#	Pre-plant fertilizer applied 0-40-80 +.5 Boron + 4 Zinc Pre-Command (13 oz) + Sharpen (3 oz) + Glyphosate (32 oz)
Stoddard	DG263L+ (FIR)	4/23/40#	Pre-plant fertilizer applied DAP 18-46-0 and Potash 0-0-60 Pre-Command (16 oz) + Facet (16 oz) +Sharpen (3 oz) Glyphosate (32 oz)

*RiceTec Seed Treatment which insecticide, fungicide, zinc, and gibberellic acid.

+Dyna-Gro Seed Treatment which insecticide, fungicide, zinc, and gibberellic acid.

This project would not be possible without the cooperation of the following individuals, Ben Ray, Brandon Copeland, Jennifer and Oliver McMeans, John Davis, Cody Placher, and Paul Schuhart.

North Central IPM Center