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# FIELD REPORT

## REPORT SUMMARY

REPORT DATE	FIELD NAME	PREPARED BY
07/29/2024	Jackson County	Matthew J. Davis

## NOTES

### Hot Topic Item

Irrigation? Cutoff timings can be hard to get perfect, but for this year, the days are quickly approaching. Utilize DD50 and DD60 to understand potential cutoff timings and utilize the quick fact sheets that have irrigation use by the growth stage.

### Quick facts

#### Soybean

<https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/soybean/2024%20Arkansas%20Soybean%20Quick%20Facts%20-Final2.pdf>

#### Corn

<https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/docs/2024-arkansas-corn-quick-facts.pdf>

#### Rice

<https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/rice/2024%20Arkansas%20Rice%20Quick%20Facts.pdf>

#### Cotton

[https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/docs/2021\\_Arkansas\\_Cotton\\_Quick\\_Facts\\_final\\_accessible.pdf](https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/docs/2021_Arkansas_Cotton_Quick_Facts_final_accessible.pdf)

Soybean Desiccation is an area in which we can lose yield if not timed correctly. Understand what the R6.5 growth stage is and when the plant quits using water.

[https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/docs/Weeds-AR-Wild-S2-Ep22-Soybean-Harvest-Aids-2022-82622\\_Revised.pdf#search=soybean%20desiccation](https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/docs/Weeds-AR-Wild-S2-Ep22-Soybean-Harvest-Aids-2022-82622_Revised.pdf#search=soybean%20desiccation)

## Field Days/Events

2024 Stuttgart Rice Research & Extension Center Field Day Aug. 1 — STUTTGART — Rice Field Day  
2024 CORN COLLEGE MARIANNA AR @ COTTON RESEARCH STATION WEDNESDAY AUGUST 7<sup>TH</sup>, 2024  
[HTTPS://ARKANSASCROPS.UADA.EDU/POSTS/CROPS/CORN/CORN-COLLEGE-2024.ASPX](https://arkansascrops.uada.edu/posts/crops/corn/corn-college-2024.aspx)

2024 Northeast Rice Research & Extension Center Field Day THURSDAY, AUGUST 8, 2024, 8AM – 3PM

## PEST

TYPE	% CHECKS	SPRAY Y/N	INSECTICIDE	NOTES
Defoliators	100%		See MP144	<p>Use threshold for economic application. Mostly green clover worms currently, but earworms are close behind.</p> <p>I still see minimum earworm damage. I can find other defoliators, but none at the threshold.</p> <p>Several earworm egg lays in soybean last week that had not canopied. Expect to see small worms this week.</p> <p>Armyworms in rice could become a concern for late-planted rice. Scout</p>
Rice Stink Bugs	75%		See MP144	<p>Uniformity of heading is making a big difference. Populations have been consistent and not explosive as in years past.</p> <p>Several fields were treated, but populations were uniform in some areas. Verify the time of day when scouting. The most effective window is from 7 am to 10 am.</p>
Brown/Green Stink Bugs	65%		See MP414	<p>They are not at a high enough threshold to warrant spraying where I have been, but I can find them. With beans beginning to canopy, pay close attention.</p> <p>I got calls last week that a few fields are at the threshold. Remember, the threshold doubles at R6 from 9 to 18 per 25.</p>
Fall Army Worm (FAW)	100%		See MP144	<p>Low numbers are found in rice fields and in beans and corn. Be mindful of defoliation.</p> <p>Remember that you need an active population when treating.</p> <p>Intrepid 2F Section 18 See Blog Post Below for Rice chrome-extension://efaidnbmnnnibpcajpcglclefindmkaj/https://www.agriculture.arkansas.gov/wp-content/uploads/AR-Sec18-Crisis-Exemption-Intrepid-2F-Fall-Armyworms-Rice-Effective-7-11-2024-1.pdf</p>

Corn earworm/Bollworm Moth	75%		See MP144	<p>Averaging around 216 moths, we still have not seen excessive damage in soybeans yet. Surprisingly I have not caught the moths this year but that is no indication of potential worm damage. Make sure to scout fields and apply insecticide when the economic threshold is hit for defoliation.</p> <p>Several eggs lays were noted in soybean last week that had not canopied. Expect to see small worms this week.</p> <p>Trap 1- 100 Shoffner  Trap 2- 350 Station  Trap 3- 200 West of County Line  Trap 4- Trap Damaged Tuckerman</p>
SWCB Moth	100%	Yes	See MP144	2 <sup>nd</sup> generation numbers average 125 between Rimmel and Mack.

## DEFOLIATION

TYPE	% POSITIVE CHECKS	SPRAY Y/N	HERBICIDE	NOTES
Soybean				
Corn				
Rice				

## DISEASE

ISSUE	SPRAY Y/N	NOTES
Corn Disease		<p>Efficacy Ratings for all major fungicides in corn</p> <p><a href="https://cropprotectionnetwork.s3.amazonaws.com/corn-foliar-efficacy-2024-1709214762.pdf">https://cropprotectionnetwork.s3.amazonaws.com/corn-foliar-efficacy-2024-1709214762.pdf</a></p>
Soybean Disease		<p>Frogeye was confirmed that the field should be treated based on field conditions and severity. A FRAC 3 will work in controlling this disease.</p> <p>chrome-extension://efaidnbmnnnibpcajpcgclefindmkaj/https://mssoy.org/sites/default/files/documents/fls-uaex.pdf</p> <p>Seeing some SDS sudden death syndrome in soybeans. Confirmed SDS across several large acres. No fix for this year but field should be noted along with variety for next season.</p>

		<p>Aerial Web Blight- I noted some last week in a field. It can cause significant yield loss if field-wide.</p> <p>Target Spot- conditions favored the target spot last week, so be scouting the lower canopy. A fungicide that offers systematic characteristics will be best. It will not move down the plant but will protect where contacted and newer growth.</p> <p>Efficacy Chart for all major fungicides on soybean diseases  <a href="https://cropprotectionnetwork.s3.amazonaws.com/soybean-foliar-efficacy-2024.pdf">https://cropprotectionnetwork.s3.amazonaws.com/soybean-foliar-efficacy-2024.pdf</a></p>
Rice Disease		<p>Rice diseases have backed down some, but sheath blight and leaf blasts can still be found in a few fields later planted. Many fields got at least one fungicide application early-mid boot. Make sure to maintain a close eye on humid conditions in the forecast.</p>