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FIELD REPORT

REPORT SUMMARY

REPORT DATE	FIELD NAME	PREPARED BY
08/12/2024	Jackson County	Matthew J. Davis

NOTES

Hot Topic Item

Irrigation? Cutoff timings can be hard to perfect, but for this year, the days are quickly approaching. Use DD50 and DD60 to understand potential cutoff timings and the quick fact sheets that show 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%20Final2.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

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

Field Days/Events

Horizon Ag Field Day is August 15th, at 4:15 p.m. at the Northeast Rice Research and Extension Center north of Harrisburg.

PEST

TYPE	% CHECKS	SPRAY Y/N	INSECTICIDE	NOTES
Defoliators	100%		See MP144	Earworm damage has increased across the county.
Rice Stink Bugs	75%		See MP144	Several fields are showing issues later due to population increases. Tenchu is still the best option if you are running excessive numbers. In some cases, if you are right at the threshold and near maturity, lambda cy will typically reduce the population below the threshold and get you to maturity.
Brown/Green Stink Bugs	65%		See MP414	You can find pod damage in the fields. I have not hit the threshold, but I would suspect a few fields to be sprayed that were later planted. Remember, the threshold doubles at R6 from 9 to 18 per 25.
Fall Army Worm (FAW)	100%		See MP144	Remember that you need an active population when treating. 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 Pastures are still being impacted.
Corn earworm/Bollworm Moth	75%		See MP144	Beans that were not canopied 7-14 days ago are seeing an influx of worms due to egg lays that happened before the canopy. Make sure to sweep. There are several fields at the treatment level. Trap 1- Damaged Shoffner Trap 2- 225 Station Trap 3- Damaged West of County Line Trap 4- Damaged Tuckerman
SWCB Moth	100%	Yes	See MP144	Last check 55 and 10. Corn at maturity.

DEFOLIATION

TYPE	% POSITIVE CHECKS	SPRAY Y/N	HERBICIDE	NOTES
Soybean				Be sure to verify your R6.5 growth stage. When separated, the membrane should easily pull away from the soybean. If you see a dull/waxy look on the soybean, that means the membrane did not release, and the soybean has not reached maturity. When you see a mature yellow to brown pod on the stem, you have reached R7, which provides a better visual cue of when to defoliate.

			<p>Several articles help define this, but almost every Extension Service has a slight variation of R6.5 based on soybeans. The membrane is the most effective way to verify but be sure to pull several from different areas of the field.</p> <p>Pioneer has a guide put together from several research publications.</p> <p>Paraquat has a 15-day PHI</p> <p>https://www.pioneer.com/us/agronomy/Timing-Soybean-Desiccation-As-A-Harvest-Aid.html</p>
Corn			A lot of corn is drying down with perfect weather. Be mindful of letting corn sit too long, but it is more tolerant of waiting than other field crops sitting in the field.
Rice			Make sure to time salting and harvest. We are looking to harvest within that 5-day window from the time we salt.

DISEASE

ISSUE	SPRAY Y/N	NOTES
Corn Disease		<p>Efficacy Ratings for all major fungicides in corn https://cropprotectionnetwork.s3.amazonaws.com/corn-foliar-efficacy-2024-1709214762.pdf</p>
Soybean Disease		<p>We are seeing some SDS, sudden death syndrome, in soybeans. SDS has been confirmed across several large acres. There is no fix for this year, but the field should be noted along with the variety for next season. If you have SDS and have reached R6.5, it is worth defoliating and making harvesting that field a priority.</p> <p>Aerial Web Blight- I noted some last week in a field. It can cause significant yield loss if field-wide. The disease has not progressed anywhere it was noted.</p> <p>Target Spot—As expected, we can find a target spot after conditions favored it a few weeks back. For fields that are nearing maturity, the target spot helps in the defoliation process. If you have soybeans still in the filling stage, then</p>

		<p>consideration should be taken to protect newer growth.</p> <p>Efficacy Chart for all major fungicides on soybean diseases https://cropprotectionnetwork.s3.amazonaws.com/soybean-foliar-efficacy-2024.pdf</p>
Rice Disease		<p>Note any disease issues found and make field history for next season.</p>