

IPM Report Mid-August

Bollworm Mouth Count

Shoffner- 20

Mack- 225

Six Mile Ln- Damaged Trap

Tuckerman- 685



This is our new Chart we will use in conjunction with scouting reports. This chart ONLY discusses the mouth flights and not when to make applications to your fields. Remember moth numbers just give you a general idea of when moths are flying in and out of the area. As we have seen our moth counts have trended down again which is typically a sign of a large hatch. Sweep soybeans to ensure treatments are being applied in a timely manner. We still always encourage regular scouting of the fields in all conditions. This chart will better serve earlier season questions rather than late. Often we can have traps with low numbers and fields with high worm counts and vice versa.

Treatment Updates

Lambda vs Tenchu vs Endigo

Initial Strip Trials for Rice Stink Bug Control showed as follows

- Lambda- Follow Up Treatment needed after < 7 days
- Endgio- Follow Up Treatment needed after <14 days
- Tenchu- Follow Up Treatment needed at >14 days

These results support research being conducted with these products.

Endigo and Tenchu typically have around 10-14 days of residual control in some cases extended control has been noted

Lambda usually requires a reapplication around that 7 day window or less.

Irrigation Termination

Corn

<https://corndd50.uada.edu/About>

Irrigation Termination • Furrow Irrigation – when starch line movement is >50% and there is adequate moisture • Pivot Irrigation – when starch line movement is >75% and there is adequate moisture

Rice

<https://dd50.uada.edu/>

Drain rice based on two conditions, time AND maturity: • Rice crop should be 25-30 days past 50% heading (25 days for long-grain, 30 days for medium grain). • AND have 2/3 straw-colored kernels (silt loam soils) or 1/3 straw-colored kernels (clay soils) prior to draining.

Cotton

<https://www.uaex.uada.edu/farm-ranch/crops-commercial-horticulture/cotton/2022-Arkansas-Cotton-Quick-Facts.pdf>

Evaluate termination at 350 to 400 heat units beyond cutout (NAWF=5). Termination – 350 - 650 Heat Units beyond cutout.

Soybean

Irrigation Termination: When at least 50 percent of the pods have seeds that are touching within the pod (R6) with good soil moisture present irrigation can be terminated

Pastures

Armyworms??? I have seen hatches but have not seen large numbers in pastures. Not sure if weather and drought has affected them. If you see something let me know. For the fields I scout I have not seen consistent numbers.

Bermuda Stem Maggot has been little to no damage reported in this area.

Be sure to reach out if you need assistance establishing a fall/winter forage plan. Now is the time to get things planted.

Services for Fall 2022

Nutrient Tissue Sampling for Corn

This test will allow for a better understanding of under or over application for Nitrogen.

Sample must be taken at Black Layer

There is a cost associated with the test

Herbicide Resistance Screening for Weeds

Sample must be taken from Arkansas

Sample must have ID information GPS Coordinates, Producer Contact Info, and Crop

Sample must be submitted to County Staff

BE SURE SEED IS MATURE

Forage Planning for Fall/Winter

Soil Sampling

Forage Planning

We can help you plan for your operation forage needs due to drought conditions

Irrigation Termination

If you need assistance on planning out irrigation termination, please reach out so we can make decisions in a timely fashion.

Field Layout/Planning for both Row Crops and Pastures

County Staff have access to RTK corrected GPS Units that can assist in marking and ID potential issues in the field.

Laying out field plans

Pipe Plans

Marking Sampling Locations