



How to set up thresholds for pest management

1. What is an IPM threshold?

Scouting records can vary a lot from one location to another or from one time to another. You need to know when your IPM strategy is not strong enough to prevent pest damages on the crops.

2. Walking on the top edge of a cliff:

Managing pest pressure is like walking on the top edge of a cliff. Over time, you can get used to walking closer (or increased pest numbers). If you don't decide for a limit, you can fall (or face pest damage on your crops).

So you have to decide for a number that triggers a notification when it is hit.

This number is specific to any crop/pest in your facility. You can even go further deciding for specific threshold according to the week of the year (or month or season) or to the stage of the crop.

3. Why do you need thresholds?

Here are a few reasons :

- Because you are busy and don't have time to consider each trap records, you need a rule.
- Because you don't want to make last minute hot decisions.
- Because your IPM manager may be absent and one has to take over with less knowledge.
- Because you need to free up your mind for other decisions.

4. Why using 2 thresholds types?

With BugVision App, we use 2 different thresholds types :

Warning threshold is usually used to compare to blocks or crops or house averages. It is the main threshold which notify you that you are losing control on a pest.

Extreme threshold is used to compare specific locations to highlight hotspots

5. Thresholds are part of the IPM (Integrated Pest Management) SYSTEM

Thresholds are one of the 3 major components of the IPM System.

There is no reason why you couldn't build a reliable system to run your pest management.

The system is composed of :

1- Preventive plan

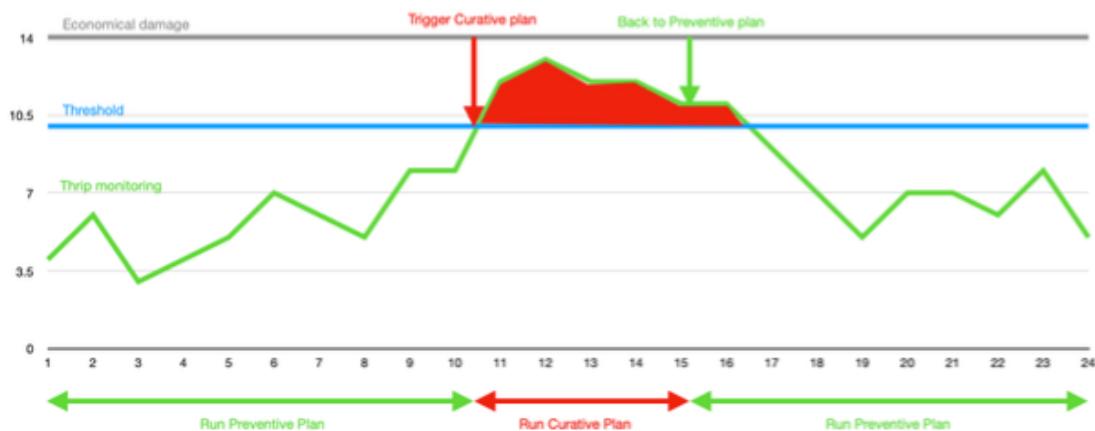
=> 2 - Threshold

=> 3- Curative/Backup plan

You implement a PREVENTIVE PLAN for any of your crops for every week of the year

You set up accurate THRESHOLDS for each pair crop/pest.

You implement ahead of the season a CURATIVE PLAN which is triggered when you hit the threshold.



6. Benefits of the IPM SYSTEM for your facility

Know your IPM expenses for the year ahead of the season, meaning you have full control and there is no surprises.

So long your numbers are below thresholds, pest situation is under control and you are safe

If the IPM Manager is absent, anybody can follow the plan and make the right decision

A consistent preventive plan is always cheaper than deciding for Biocontrol release on a weekly basis (based on traps counts).

Conclusion :

Now, it is your turn to write yours on the paper to be ready for the next season. You are the one who knows better about all specificities of your facility and you can build your IPM System yourself.

If you need some help, our team can help you to make sure you don't miss any important step going through detailed procedures and software tools (BugVision IPM Strategy).

Comment or questions?

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