TRAPPING EFFICIENCY IN CASE OF DIFFERENT TRAP OPENINGS (DELTA-SLIT-MODIFFIED SLIT)

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Purpose of experiment:

The aim of the trial is to compare the catches in Trapview SC traps with different openings (DELTA, SLIT and modified SLIT – the opening, which prevents bird captures). The experiment should show if different trap openings are needed.

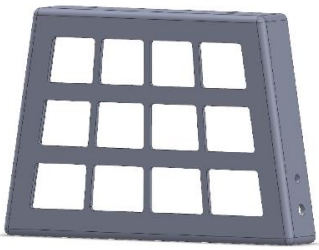
1. TRIAL TECHNICAL INFORMATION

Monitored pest: Cydia pomonella, Codling moth

Crop: apple

Type of traps in the experiment: Trapview DELTA SC, Trapview SLIT SC, "Trapview modified SLIT SC"





Serial numbers of Trapview traps: S08789, S08095, S07493

Lure(s): CM, Trece, 4 weeks lure

Follow the manufacturer's instructions for handling and storing the lures. All lures in the experiment must be of the same type.

Distance between the traps: 20m

Traps in the field must be properly mounted to provide optimal performance. Higher catches will be recorded in upper compared to lower canopy positions. Very few moths will be captured above or below the canopy. To optimize monitoring of codling moth, the trap should be placed in the upper third of the canopy. A good place to locate a trap is in area where moth catches from previous seasons were high (hot spots).

2. TRIAL CONFIGURATION

Start of experiment: 19.5.2023

End of experiment: 31.10.2023

Location(s): Bukovac Putak Kučica

Write down the locations and serial numbers of the traps, describe all the details of the trial and add some photos of traps, installation, location.

The environmental conditions (wind conditions, sun exposure, humidity) as well as agricultural practices (fruit tree density and form, irrigation, plant protection) should be equivalent at least for all the traps from the same replicate, better for all the traps from the experiment. If mating disruption or mass trapping is present in the area, make sure that all the traps within trial are in or out of their reach (better out).

3. INTERMEDIATE TRIAL OBSERVATIONS

Write down all the deviations and peculiarities that you notice during the experiment.

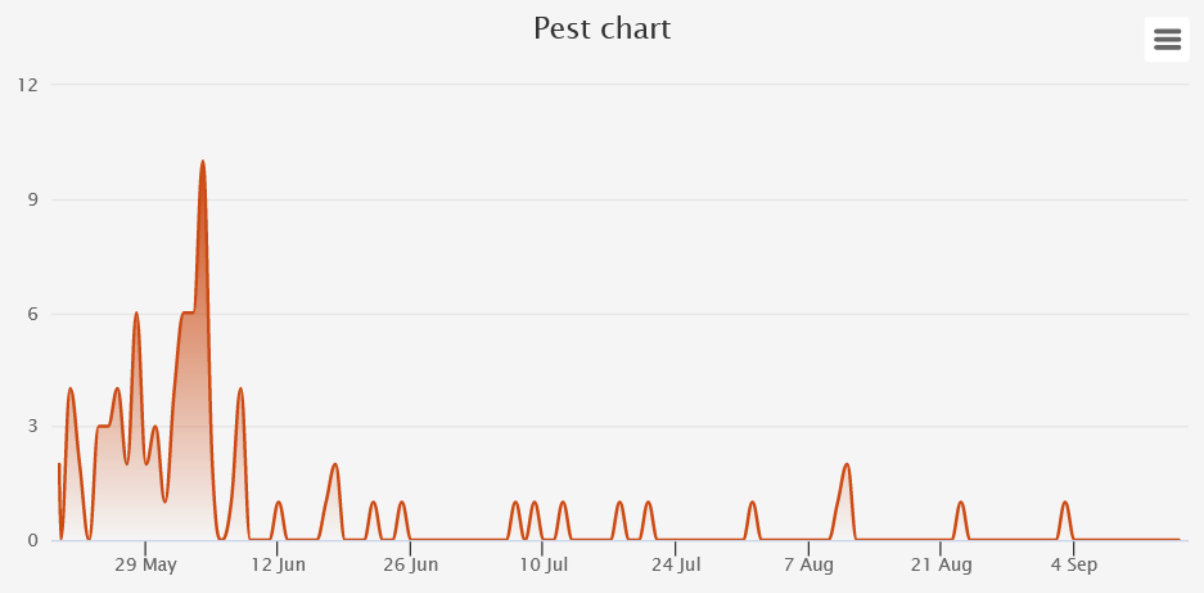
Pheromone (and sticky panel) replacement info and possible pesticide applications should be regularly recorded in the Trapview application to ensure proper understanding and further analysis.

It is very important that traps are well maintained. Lures must be changed regularly (latest at the end of their shelf life), at the same time for all experimental traps. When handling with lures, wear disposable gloves to prevent cross contamination. When the sticky surface becomes saturated with pests, dust or other debris, self-cleaning should be triggered. Any new leaves should be removed from observation surface. After any extreme weather conditions all traps should be checked if they need replacement or repair.

4. FINAL TRIAL CONCLUSIONS

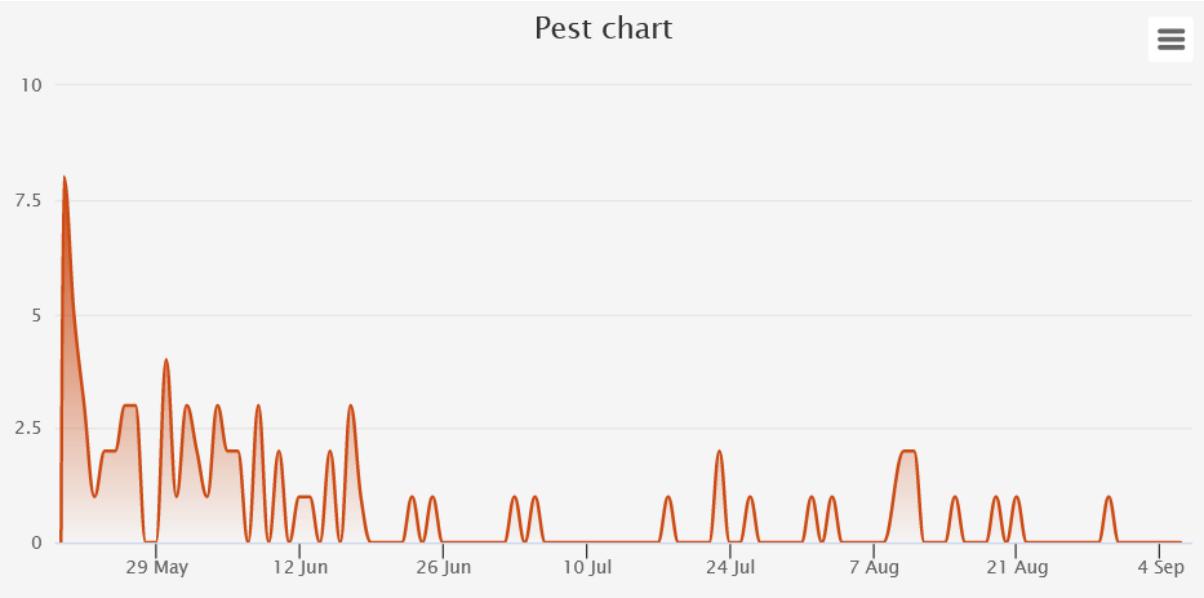
Write the report about the trial results and define all conclusions. Final report should include also different statistics and the data from the manual traps (if present).

SLIT SC, S08095



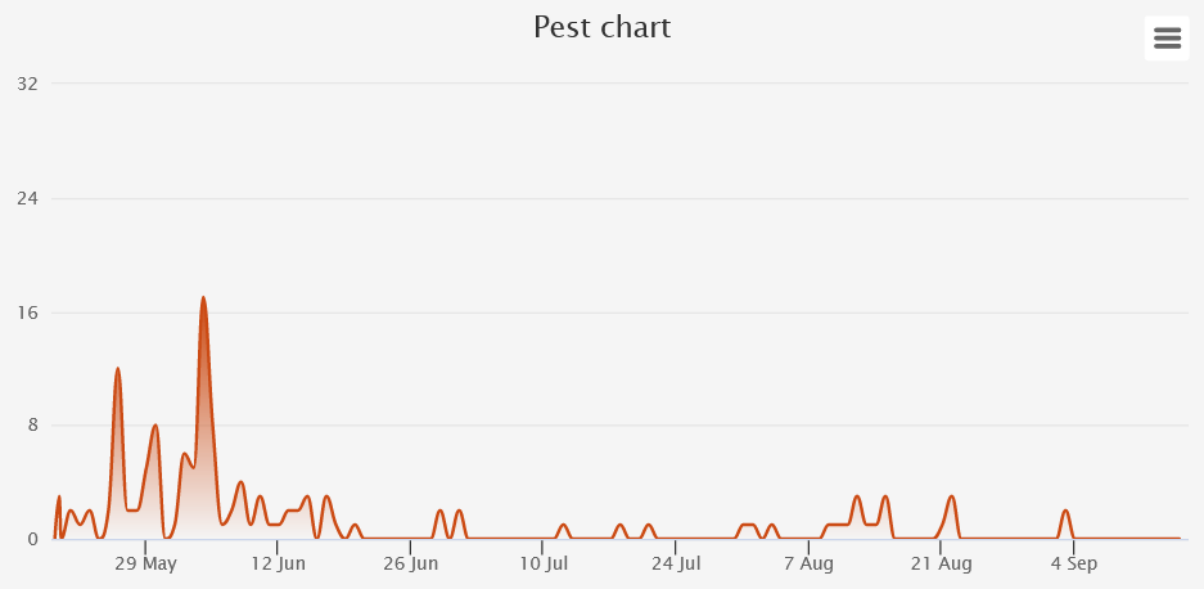
Total new pests: 82

SLIT # SC, S07493



Total new pests: 76

DELTA SC, S08789



Total new pests: 128

This trial shows us that DELTA opening was most successful in luring Codliing moth into the trap.

ACCUMULATED PEST PRESSURE				
	Location	**DELTA**	**SLIT**	**SLIT #**
Fragaria	Bukovac Putak Kučica	128	82	76