

Wilbur-Ellis

Chelan/Brewster/Wenatchee, Washington

Kyle Allen

Summer 2017

Introduction

This summer while working for Wilbur-Ellis, I would go to many different orchards every day to check traps that are aimed toward catching certain pests. These pests include: codling moth (CM), oblique banded leaf roller (OBLR) and spotted wing drosophila (SWD).

Codling Moth (right)

This picture shows a close up image of a codling moth.



Codling moth (right)

This Image shows a heavily infested trap of codling moths



Oblique banded leaf roller (right)

This was the first time I found leaf roller.



Spotted wing drosophila (Male)

- I took this image through a microscope.
- The “spot” on the wings show that this is a male SWD



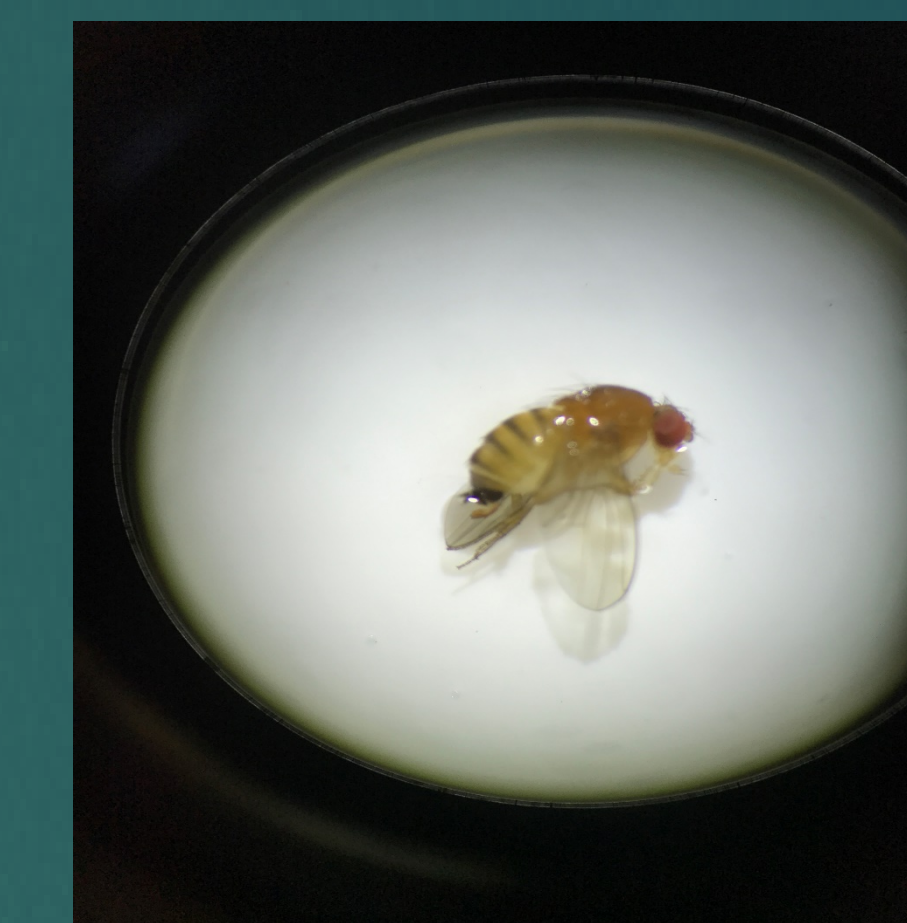
One sample of various insects.

- This is a picture I took of all the insects that were caught in an SWD trap.
- To find SWD I scan through the whole sample carefully looking for SWD characteristics.



Spotted wing drosophila (Female)

- I took this image through a microscope.
- The “ovipositor” on the rear on this SWD proves its identity.



- This is a trap aimed towards catching codling moths and leaf rollers.
- Different lures are placed in the trap that release a certain pheromone to attract the desired insect.



- This is a spotted wing drosophila trap.
- It catches many other insects but the lure used is aimed towards SWD.



SUMMARY

WORKING WITH THE WILBUR-ELLIS TEAM THIS SUMMER HAS TOUGH ME A LOT AND HAS HELPED ME GROW IN A MORE PROFESSIONAL MANNER. WORKING THIS SUMMER I HAD MANY DIFFERENT RESPONSIBILITIES, IT TAUGHT ME HOW TO MANAGE MY TIME WISELY EVEN WHEN THERE WAS LITTLE TIME TO COMPLETE ALL OF THE TASKS THAT WERE EXPECTED OF ME. I KNOW ALL THE KNOWLEDGE AND SKILLS THAT I GAINED THIS SUMMER WILL STICK WITH ME IN MY FUTURE CAREER.