



Industry Pest & Disease Update 2024

Cucumbers

- **Pests:**
- No serious problems
- Spider mite. Bio and Floramite: generally OK
- Aphids: Controlled with Mainman and Verimark
- Thrips: Low (with bio)
- Whitefly: Little at the end of the stop (Aug / Sep)
- Stink bugs: Appeared around pull out and controlled with Pyrethrum



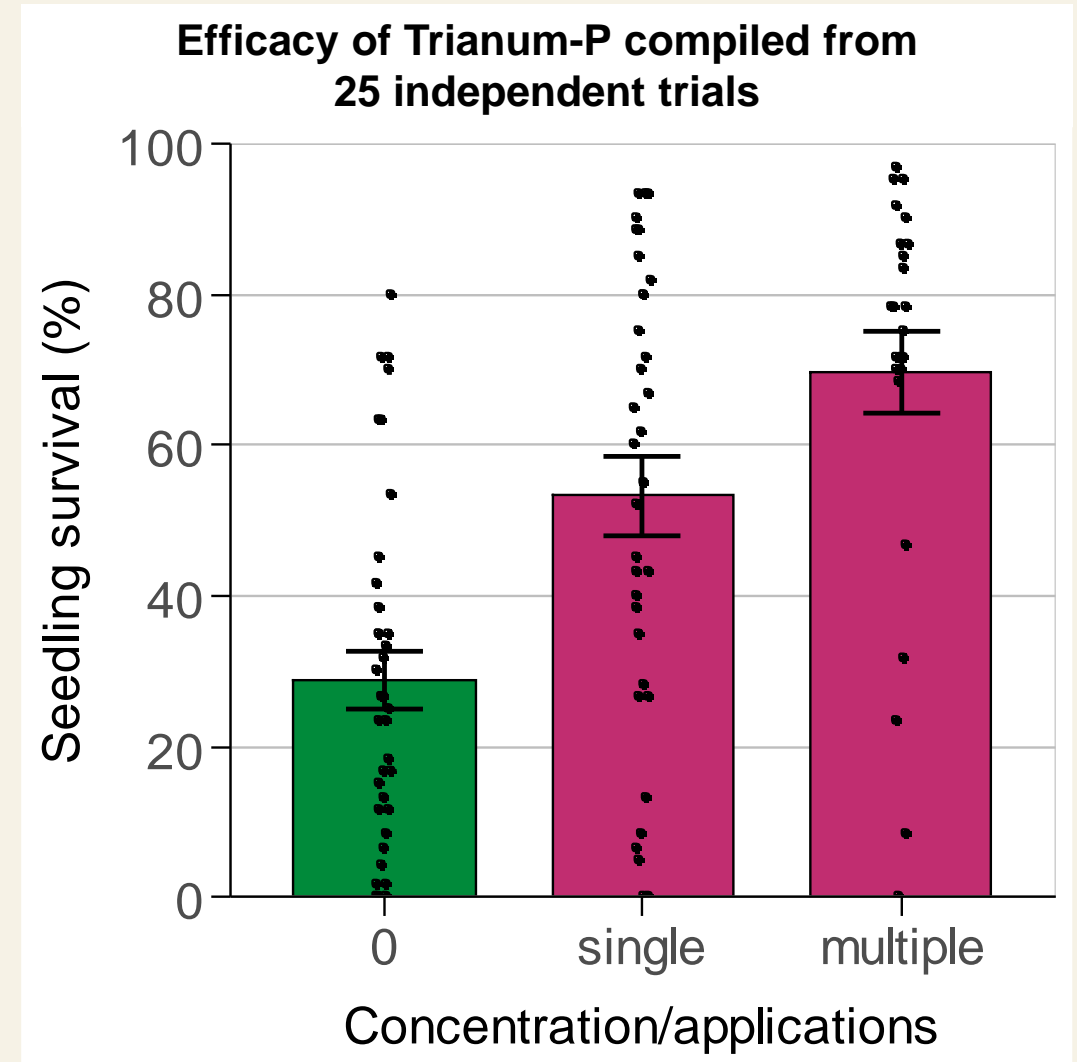
Cucumbers

- **Diseases**
- Powdery mildew - Main problem this year and more than in previous years
- Repeating sprays every 10 to 14 days from July although 1st reports about April
- Tank mixes more this year
- Good ai rotation
- Big impact on yield in 2nd crop.
- Reason for some crops being pulled out early in combination with gas use / price



Cucumbers

- **Diseases**
- Fusarium Serious problem on 2 - 3 sites (2 Yorkshire, 1 LV)
- Lot of effort with bio and peroxide in the drippers with little success
- Pythium: At replanting depending on weather at the time (generally cooler temps in June)
- Downy mildew: Kept under control with sprays (mixed with powdery mildew treatments)
- Myco: Usual level being controlled with stem base sprays



Cucumbers

- **Viruses**
- Just 1 case in May which was more serious but rest at a low level towards end of season (June / July onwards)



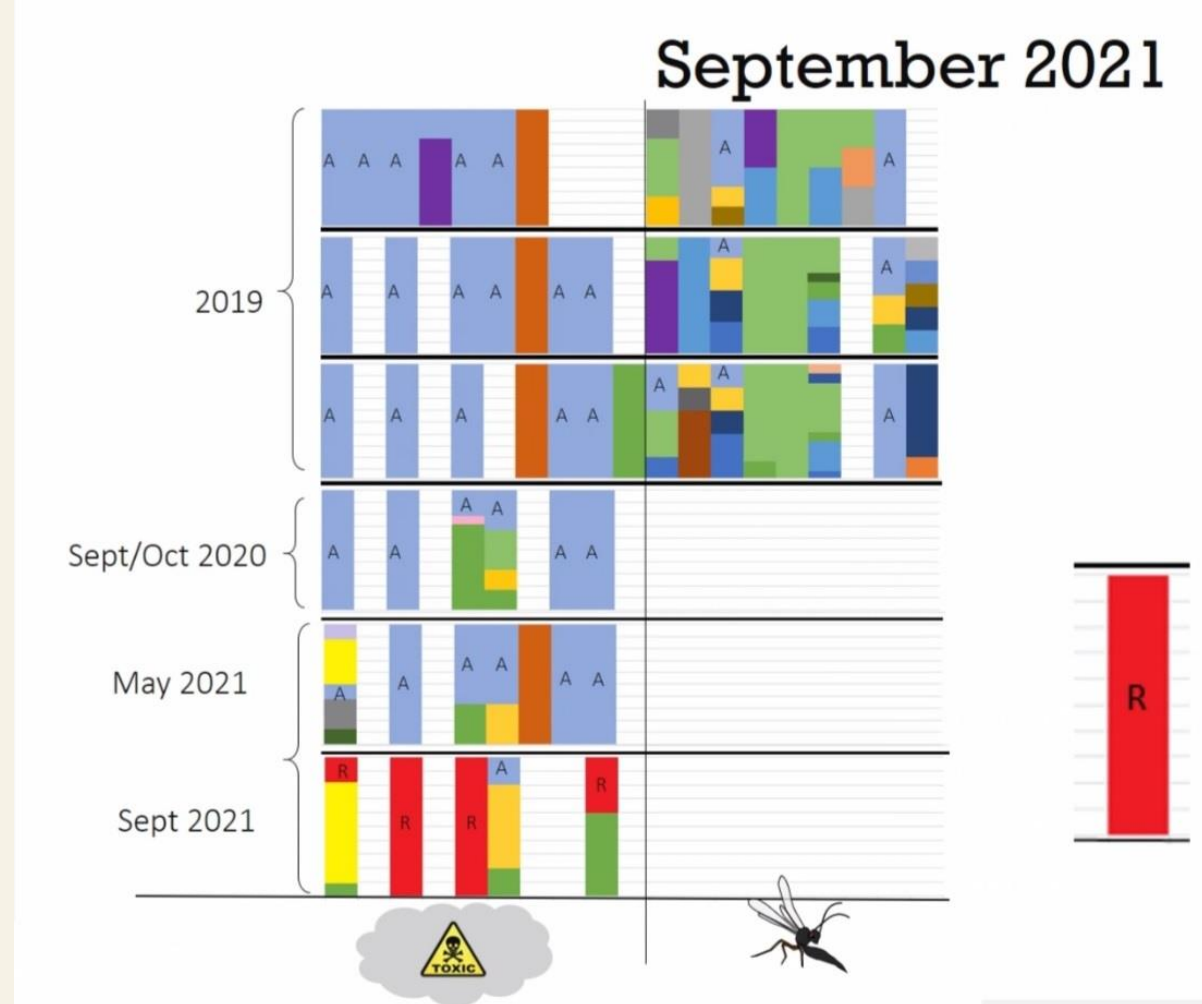
Peppers

- Aphids: Generally troublesome in 2024
- Mainman and Verimark seem to work on most sites.
- Botrytis: Little seen on stems in August and September
- Powdery mildew: Some infections seen in Summer
- Additional thoughts



Aphids

- New strain of *Myzus persicae* appeared in 2021 in Holland
- Now spread to other countries
- This genotype is Less Sensitive (LS) to chemicals such as Mainman (Flonicamid)
- DNA determination is possible by Koppert.
- Difficult to distinguish from 'normal' *Myzus*
- R&D focus



Very small aphids!

Reproduces 2 x faster than normal *Myzus*

Faster production of winged forms – quick to disperse

Drops more easily

Adults are 10% smaller



Ahipar & Ahipar-M

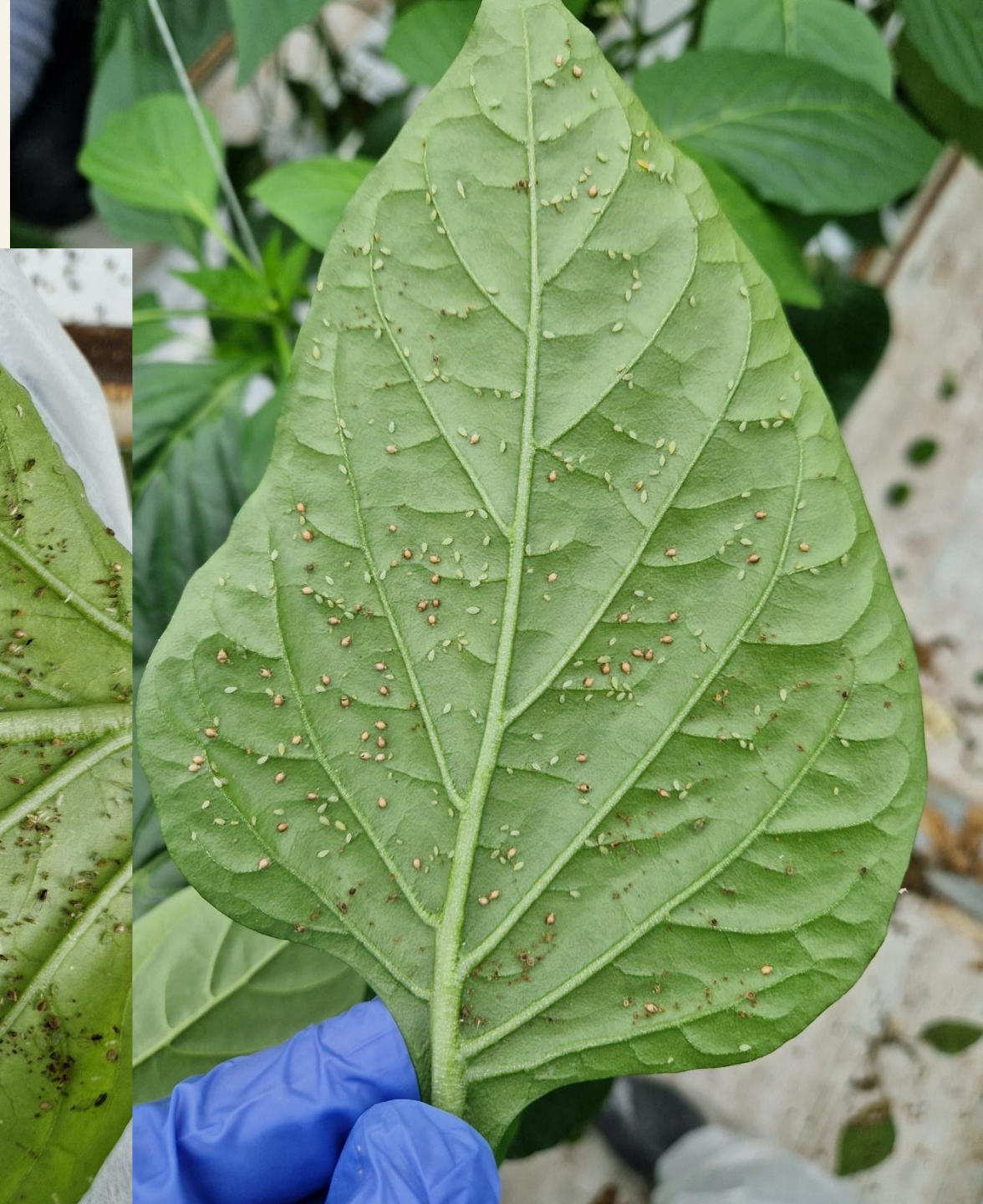
Do not release on plastic!

High in the plant



Turning point

- No chemicals = much better parasitism!



Gall midge (Aphidend)

- Shows very good results



Propylea – P14



Tobacco thrips!

- Thrips parvispinus
- Care for your Orius!!



Male



Female



Thank you for your
attention.

