

Center for Smart Agriculture

Hydroponics technology



Module 3 : Crop management and harvesting in hydroponics system Session 15 : Common pests and diseases, IPM



Common pests in hydroponics

- •Aphid
- Fungus
- Gnat
- Shorefly
- Spider mite
- Thrips
- Whitefly
- Mealybug



Natural enemies

- •Lady bird beetle
- Syrphid fly
- Lacewings



INTEGRATED PEST MANAGEMENT

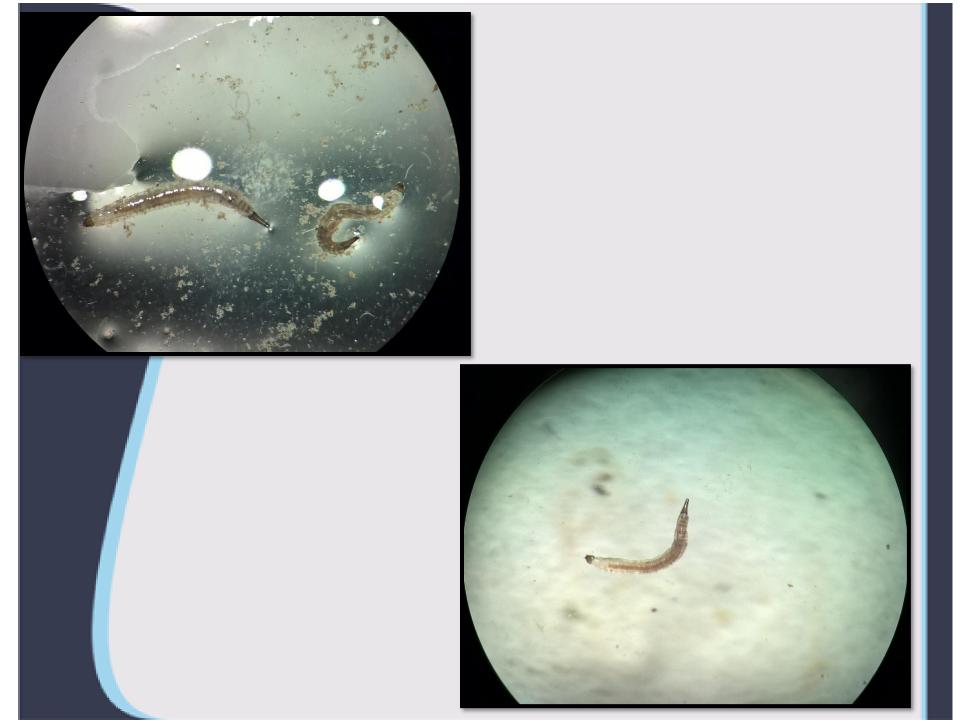
- •Use Yellow and blue sticky traps for early pest and disease detection
- •Remove dried and affected plant parts
- •Neem-oil extract
- •Pyrethrum spray
- •Pongamia extract
- •Alcohol spray at minor concentration
- •Herbal water spray
- •Garlic / pepper spray



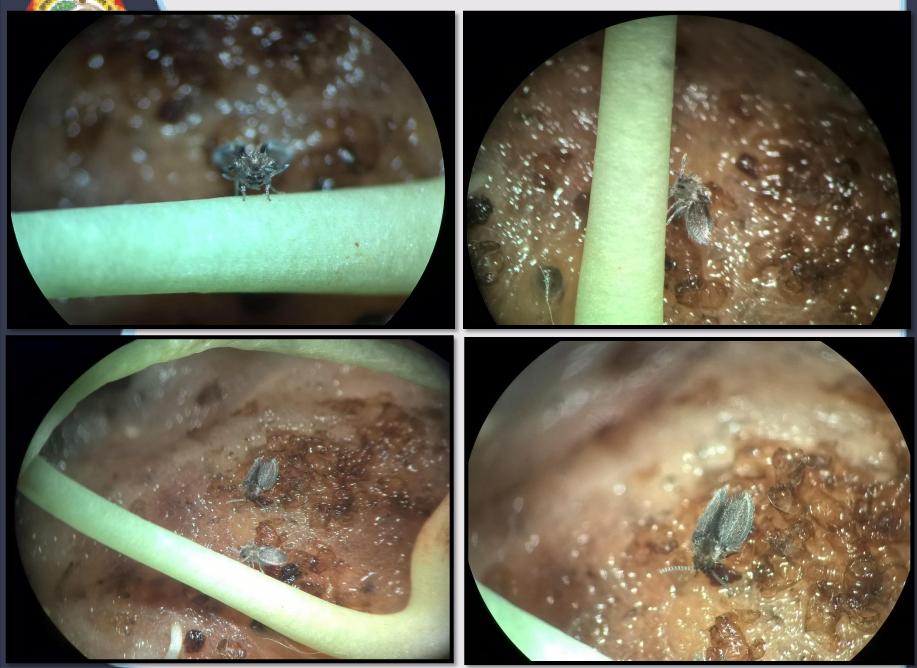


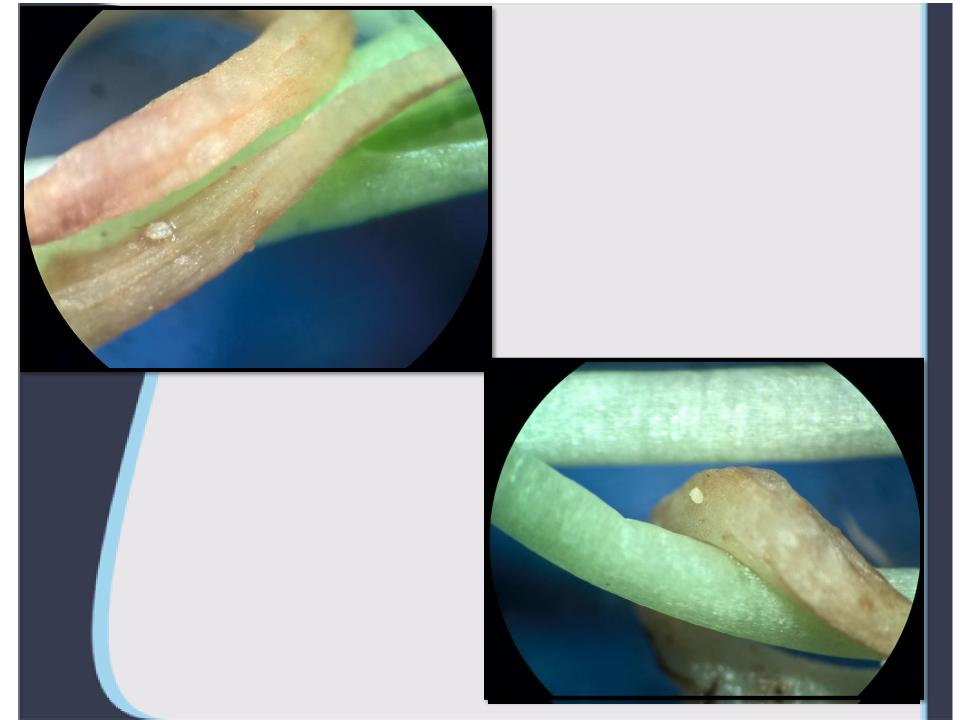


Attack of Spider Mites on coriander











Thank you....