

# Demonstration 7: Disease Management



## Aim

- Understand different control strategies effectiveness in suppressing disease development in bagged fruit
- Identify better disease control strategies

## Method

- Evaluate the effectiveness of different chemicals for the control of anthracnose & black spot diseases
- Test - Maximum residue levels (MRL) to understand the delivery requirements for - EU, USA, AU & Japan

## What we learnt

- Fruit bagging combining with chemical treatments reduces disease incidence & severity
- Antibiotic oxytetracycline hydrochloride (Poner), significantly reduces bacterial black spot
- Propiconazole + Difenconazole give the best results for control of anthracnose

## What we recommend

- A combination system model for disease management with an orchard inoculum reduction program
- Integrating post harvest disease control & cool chain management system to ensure supply of quality fruit

Effectiveness of fungicides on anthracnose infection

