



## Surveillance Update

Virginia (and surrounds), SA  
10–16 March 2022

**Legend:**

- Light green = Very low incidence
- Green = Low incidence
- Yellow = Low-moderate incidence
- Orange = Moderate incidence
- Red = High incidence



	Cuc	Tom	Cap
Powdery mildew	Red	Orange	Orange
Aphids	Green	White	Orange
Mites	Orange	Green	Orange
Thrips	Orange	Green	Orange
Whitefly	Green	Orange	Yellow

Crops in order of appearance: Cucumber, Tomato, Capsicum

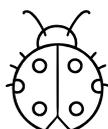
## What's in the crop?



**Whitefly:** In capsicum, whitefly numbers remain at **low-moderate** levels.



**Powdery mildew:** High across cucumber again this week. Moderate across tomato and capsicum. Tomato had previously been reported in high levels.



### **Beneficials:**

Ladybirds, hoverflies, lacewings, native predatory mite, and Nesidiocoris numbers.

### CASE STUDY of the week: **Black bean aphid (*Aphis fabae*)** - Not present in Australia

- 1** Widespread throughout Europe, Asia, the Americas and Africa.
- 2** Wide host range, including many important vegetable crops.
- 3** Can infect crops with a range of harmful viruses.
- 4** Has high entry and establishment potential into Australia.

#### It can be spread:

- 1** Via plant material.
- 2** Via wind - a major means of aphid spread.

It could potentially arrive in Australia through wind-assisted flights.

If this pest were to arrive in Australia via airborne pathways, early detection is the best means possible for eradication efforts before it negatively impacts plant industries.



Black bean aphids. Credit: Ansel Oommen, Bugwood.org.

[Access the AUSVEG Pest and Disease Preparedness resource here](#)

**Unsure whether you are correctly diagnosing a pest or disease?**

Send in a sample to PIRSA-SARDI

[Click here](#) for more information or call Maddy Quirk on 0437 004 174

**Past Surveillance Updates**

**CLICK HERE**



**Remember:** Pest and disease pressure varies from farm to farm. Always monitor your crops and consult your consultant/agronomist for advice on control.