

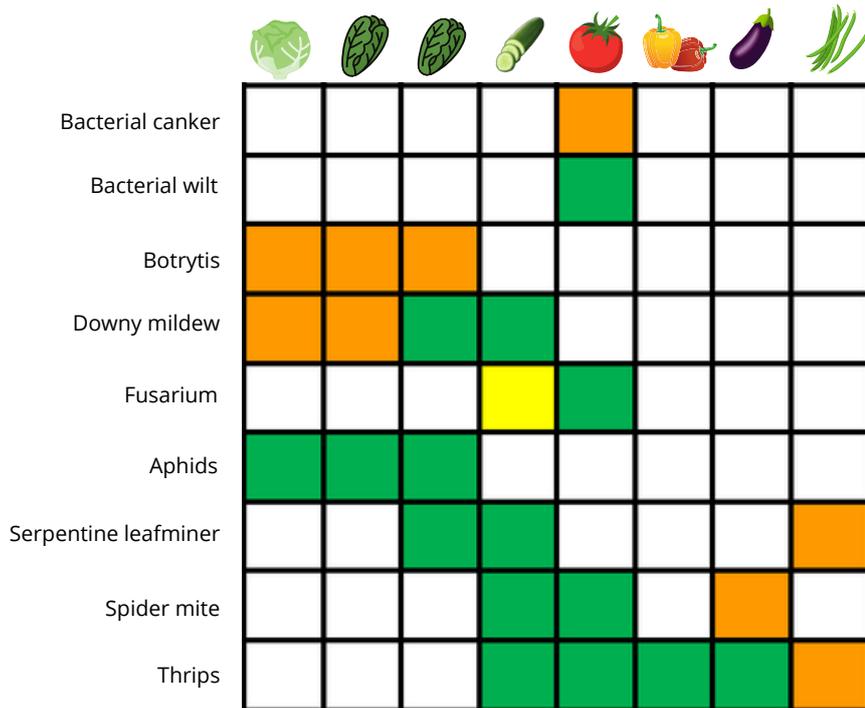
AUSVEG

Surveillance Update

Sydney basin, NSW
10–16 March 2022



Legend:
Light green = Very low incidence
Green = Low incidence
Yellow = Low to moderate incidence
Orange = Moderate incidence
Red = High incidence



Crops in order of appearance: Iceberg lettuce (open field), Cos Lettuce (open field), Cos Lettuce (hydroponic), Cucumber, Tomato, Capsicum, Eggplant, Beans

What's in the crop?

Weather conditions meant that very limited scouting occurred this week.



Serpentine leafminer: Plenty of adult fly populations. Monitor.



Botrytis: Consistent moderate levels across lettuce (open field and hydroponic).

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 NSW Department of Primary Industries (DPI).

For support, contact NSW DPI on 1800 675 623 or 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.