



# Surveillance Update

Greater western Sydney, NSW  
2 – 8 September 2021



Legend:

- Light green** = Very low incidence
- Green** = Low incidence
- Orange** = Medium incidence
- Red** = High incidence

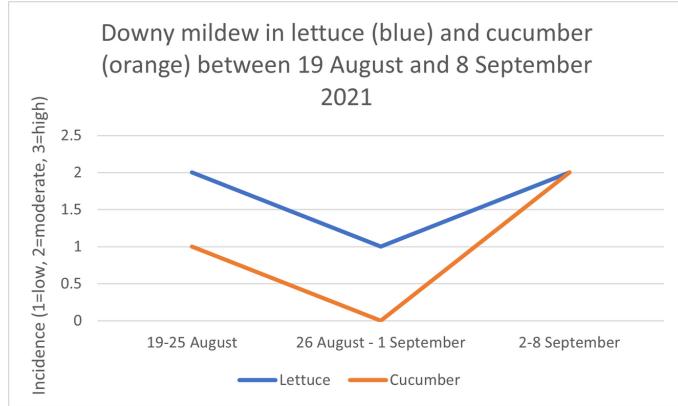
| Pest or disease         | Cauliflower | Broccoli    | Cabbage     | Lettuce     | Kale        | Cucumber    | Eggplant    | Leafy greens      | Zucchini    | Wombok      | Green beans |
|-------------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------|-------------|-------------|
| Black rot               | Light green |             | Light green |             |             |             |             |                   |             |             |             |
| Botrytis                |             |             |             |             | Light green |             | Light green |                   | Light green |             |             |
| Downy mildew            | Light green | Light green | Light green | *<br>Orange |             | *<br>Orange | Orange      |                   |             |             |             |
| Sclerotinia             |             |             |             | Light green |             |             |             |                   |             |             |             |
| Brown thistle aphid     |             |             |             |             | Light green |             |             |                   |             |             |             |
| Cabbage white butterfly | Light green | Light green | *           |             |             |             |             |                   |             |             |             |
| Diamond-back moth       | *           | *           | *           |             |             | Light green |             |                   |             | Light green |             |
| Lettuce aphid           |             |             |             | *           |             |             |             |                   |             |             |             |
| Serpentine leafminer    |             |             |             | Orange      |             | *           | Orange      | Low in silverbeet |             |             | Orange      |
| Spider mite             |             |             |             |             |             | Light green |             |                   |             |             |             |
| Thrips                  |             |             |             |             |             | Light green | Orange      |                   |             |             |             |

Crops in order of appearance: Cauliflower, Broccoli, Cabbage, Lettuce, Kale, Cucumber, Eggplant, Leafy greens, Zucchini, Wombok, Green beans  
\* Reported by multiple contributors

## What's in the crop?

**Downy mildew: Moderate** in lettuce and cucumber - reported by multiple contributors (see graph).

Reported in **low** levels in broccoli, cauliflower and cabbage.



**Lettuce aphid:** Lettuce aphid reported in low levels in lettuce - multiple contributors reporting this.

**Diamondback moth:** Reported in **low** levels in cauliflower, broccoli, cabbage, kale and wombok. Reported by multiple contributors.

**Heliothis:** First heliothis adults in pheromone traps around lettuce plantings. 3 x *H. armigera* and 1 x *H. punctigera*. No larvae found this week but they are there in low numbers.

**Serpentine leafminer (SLM):** Because of cooler weather, the SLM life cycle may be longer, but there is still pressure of eggs and flies on crops.

SLM is on the rise in cucurbits (**moderate** in cucumber) and present on silverbeet.



### Reminder to control weeds!

There are still plenty of weeds around the farm. This will be an increasing challenge in summer. Hosts DMB, aphids and serpentine leafminer. SLM being seen in weeds such as sowthistle.

### Beneficials:

- Parasitoids (crucial for serpentine leafminer control!).
- Brown lacewing.
- Damselbug.



### Stay up to date:

- Contact Maddy if you have any questions about this resource (madeleine.quirk@ausveg.com.au or 0437 004 174).
- Keep an eye out for an upcoming Virtual Masterclass focusing on priority pests and diseases affecting the Sydney region.
- Contact NSW DPI (or Maddy) to send pest/disease samples through the Peri Urban Biosecurity Program, free of charge.

