

Surveillance Update

Greater western Sydney, NSW
26 August – 1 September 2021



Legend:
Light green = Very low incidence
Green = Low incidence
Orange = Medium incidence
Red = High incidence

Pest or disease											
White blister	Green	Green	Green								
Black rot	*	Green	*	Green							
Botrytis				Green							
Downy mildew	Green		Green	*							Green (Baby spinach)
Sclerotinia	Green	Green	*	Green							
Cabbage white butterfly	Green	*	*								
Diamond-back moth	Light green	Light green	Light green								
Lettuce aphid											
Brown thistle aphid				Green							
Serpentine leafminer				*		Green				Green	Green
Spider mite						Orange					
Thrips	Green		Green	Green (Cos lettuce)		Orange	Green	Orange			

Crops in order of appearance: Cauliflower, Broccoli, Cabbage, Lettuce, Kale, Cucumber, Tomato, Eggplant, Capsicum, Asian vegetables, Leafy vegetables
 * Reported by multiple contributors

What's in the crop?

Thrips: **Moderate** levels in cucumber and eggplant. **Low** in tomatoes, brassicas, and lettuce (including cos).

Spider mite: Spider mite sighted in cucumber again. Expected to increase with increasing temperatures.

Cabbage white butterfly: Reported in **low** levels in broccoli and cabbage by multiple contributors this week.

Vegetable weevil: Only one (1) vegetable weevil sighted in baby spinach.

Sclerotinia: Reported in **low** levels in cauliflower, broccoli, cabbage and lettuce (reported by multiple contributors in cabbage).



Serpentine leafminer (SLM): Ovipositor/feeding damage reported on field and hydro lettuce by multiple contributors.

Reports of a fair amount of adult SLM in the crops.

SLM is on the rise in cucurbits.

Control weeds! Due to high rainfall, there are 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.

