

Surveillance Update

Greater western Sydney, NSW
16–22 September 2021



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

Pest or disease														
Black rot	Green		Green							Orange *				
Botrytis				Green				Green						
Downy mildew				Green *										
Sclerotinia			Green	Green ***										
Brown thistle aphid				Green										
Diamond-back moth	Green	Green	Green **		Green	Green								
Heliothis								Green						
Lettuce aphid				Green										
Serpentine leafminer				Orange			Orange	Orange	Green	Orange		Orange	Orange	Orange
Slugs	Green	Green	Green	Green										
Spider mite							Orange	Green	Orange	Green	Orange			
Thrips									Orange *	Orange	Green	Green		

Crops in order of appearance: Cauliflower, Broccoli, Cabbage, Lettuce, Kale, Wombok, Beans, Zucchini, Cucumber, Tomato, Eggplant, Capsicum, Leafy Greens, Asian Vegetables

* Reported by multiple contributors

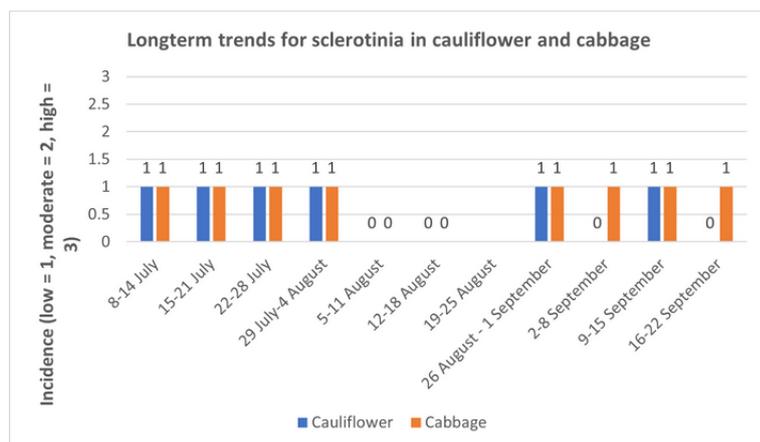
** Patchy distribution of DBM in some locations

*** Field lettuce

**** Cos lettuce

***** Glasshouse tomatoes

What's in the crop?



Sclerotinia: Longterm trends for sclerotinia in cauliflower and cabbage. Consistently low levels reported over July - September. No data in early-mid August due to NSW lockdown - limited access to farm.

Spider mite: Varying levels of spider mite in certain crops. Pressure on the rise. NEW

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

Downy mildew: **Low** in cos lettuce. **Thrips:** Thrips pressure on the rise.

Heliothis: 2x *H. armigera* adults in traps this week. 0x *H. punctigera*. One consultant reported no larvae in crops. One consultant reported very early stages on zucchini.

Serpentine leafminer (SLM): Eggs and adult flies on the crops (lettuce, beans, zucchini, cucumber, tomato, eggplant, leafy greens, and Asian vegetables).

Control weeds

Weeds will be an increasing challenge in summer. Hosts DMB, aphids and serpentine leafminer. SLM is still being seen in weeds such as sowthistle. 

No reports:

Rutherglen bug

Anthracnose (consultant did not visit the growers with anthracnose issues)

Beneficials:

- Parasitoids.
- Brown lacewing.
- Damselbug.



Upcoming webinar:

Topics:

- Tospoviruses
- Serpentine leafminer
- Cucurbit diseases

Speakers:

- Shannon Mulholland
- Dr Len Tesoreiro
- Maddy Quirk

REGISTER NOW 

<https://bit.ly/3zxPh5o>

Contact NSW DPI (or Maddy) to send pest/disease samples through the Peri Urban Biosecurity Program, free of charge (0437 004 174 or madeleine.quirk@ausveg.com.au).