

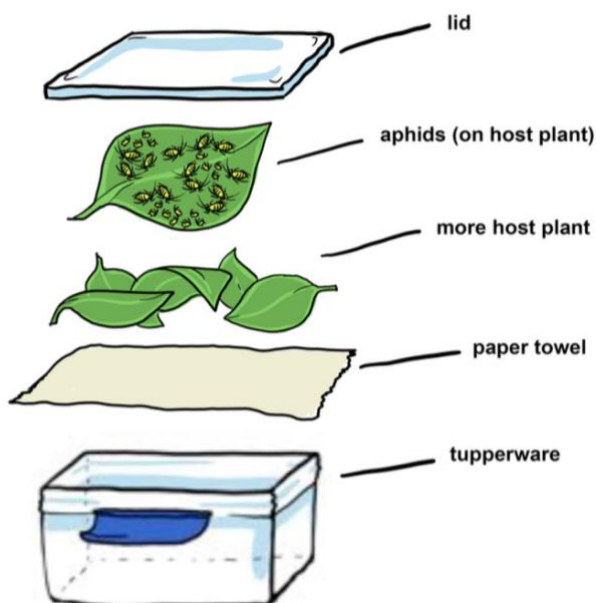


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Collecting & sending aphids for resistance testing

Collecting aphid samples

- Aphids are often unevenly distributed across a paddock, and these patches can represent different clones (biotypes) that differ in levels of resistance. It is therefore important to **collect a representative sample of aphids from across a paddock** in order to accurately determine the resistance status of your population.
- If possible, collect **a bulk of >50 individual aphids per paddock**. Try and randomly select **5 sampling points at least 20 m apart**. Collect aphids from 3-5 plants at each sampling point. Where possible, collect **> 20 aphids at each sampling point**.
- At each plant, directly remove (cut) leaves that contain aphids, leaving the aphids undisturbed.
- Place the aphids and leaves in a **non-crushable plastic container**. Please do not use a take-away container as these break. Also **place a piece of tissue paper or paper towel into the container to absorb excess moisture** (do not send samples in zip lock bags or in a way where aphids can be squashed in the post).



- Adequate collection data is essential for successful resistance testing. To assist us, **please print the below** 'cesar aphid resistance testing field record sheet', fill out all the details and include this when posting your sample.



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Sending aphid samples

- Samples should be sent via overnight **express post** on Monday - Wednesday. Do not send samples towards the end of the week or over the weekend.
- Once samples have been posted, please notify us via email at sward@cesaraustralia.com. This will ensure samples are processed in a timely manner.
- Samples should be addressed to:

Aphid resistance testing service

**Samantha Ward
Cesar Australia
Level 1, 95 Albert St
Brunswick, VIC. 3056**



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Collection date:

Collector name:

Mobile:

Email:

<p>Grower name:</p> <p>Paddock name:</p> <p>GPS details / Road address:</p>

Paddock Details - circle answer

Canola, Lupins, Field peas, Wheat, Barley, Other -

Crop growth stage -

Paddock History - circle answer

Last year (2020) - Pasture Wheat Barley Lupins Canola Field peas Other -

Insecticide History – Fill in information and then circle any treatments that failed

	Pre-sowing	Seed treatment	Bare earth (PSPE)	Seedling emergence	Other sprays
	Chemical / rate / target pest	Chemical / commercial or famer treated / rate / target pest	Chemical / rate / target pest	Chemical / rate / target pest /timing	Chemical / rate / target pest /timing
This year					
2020					
2019					

Other notes and details of any sulfoxaflor (Transform) or spirotetramat (Movento) control failures:

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