# Cucumber green mottle mosaic virus (CGMMV)

# Update 31 August 2016

## Current situation

* CGMMV has been detected on two properties in Carnarvon - in a commercial cucumber crop and in an endemic cucurbitaceous weed (*Mukia maderaspatana*) growing on a fence line between two properties.
* The virus has also been detected on another four commercial cucumber properties in the Geraldton area, in close proximity to the first two detections. In total, there are now six infected properties in Geraldton.
* The new detections have been confirmed by the Department of Agriculture and Food, Western Australia’s (DAFWA) plant pathology diagnostic service, and affected growers in Geraldton and Carnarvon have been advised.
* Further targeted sampling of the infected weed species is being carried out around Carnarvon.
* A workshop for growers was held on 23 August at DAFWA’s Geraldton technical support facility, to provide a practical demonstration of farm biosecurity. About 25 people attended, including growers from 19 farms, agribusiness and DAFWA staff.
* The workshop was led by DAFWA Technical Officer David Tooke and vegetablesWA representative Truyen Vo. Biosecurity measures covered included signage and visitor rules, hygiene procedures and protective equipment.
* DAFWA officers have met with Perth, Kununurra and Carnarvon cucurbit growers to provide further information.
* Surveillance of cucurbit growing properties is planned for Kununurra, Broome and Baldivis, and in the summer, the south west and melon crops in Geraldton and Carnarvon. A surveillance plan is being developed, which will detail all planned surveillance activities.
* DAFWA is looking at a number of ways to prevent further spread of the virus from infected properties, but most importantly will be working with growers to develop personalised biosecurity strategies for their farms.
* DAFWA has commenced work into a CGMMV impact analysis in WA.

**Next steps**

* Any suspect signs of CGMMV should be reported immediately to DAFWA’s Pest and Disease Information Service on **1800 084 881**.
* Ensure your farm has a well-developed biosecurity strategy that is closely adhered to. DAFWA can assist CGMMV affected growers with personalised strategies. There are many pathways through which the virus can be spread, and the most practical solution to prevent spread is to implement biosecurity measures to remove these pathways.
* Pathways of spread include the movement of soil and plant debris on machinery, vehicles, equipment, clothing and packaging materials, and the transfer of potentially contaminated plant sap through regular pruning, staking and handling.
* Initial infection can come from transplanting potentially infected seedlings or seedling rootstocks purchased from nurseries, and sowing potentially contaminated seed lots.
* Refer to the farm biosecurity checklist on DAFWA’s [CGMMV web pages](https://www.agric.wa.gov.au/cgmmv) (**agric.wa.gov.au/cgmmv**) for more information.
* DAFWA will meet regularly with representatives from vegetablesWA, AUSVEG and growers to discuss current issues and proposed actions.
* Growers seeking further information about on-farm biosecurity measures can contact the department’s Geraldton office on +61 8 9956 8555 or vegetablesWA on +61 8 9481 0834.

**Seeking your feedback**

* Get in contact with us to suggest topics you would like to see discussed in the next update.
* Contact us if you think a particular topic warrants more detailed information.
* Email jodie.gysen@agric.wa.gov.au

**More about CGMMV**

* Email updates on the detections and response activities will be provided regularly to all stakeholders. To subscribe to updates email jodie.gysen@agric.wa.gov.au.
* More information on submitting symptomatic leaf samples and seeds is available from [DAFWA’s website](https://www.agric.wa.gov.au/bacteria/plant-disease-diagnostics) or by contacting the department’s diagnostic laboratory service (DDLS) on (08) 9368 3351.
* More information on CGMMV is available from the [DAFWA website](https://www.agric.wa.gov.au/plant-biosecurity/cucumber-green-mottle-mosaic-virus) – **agric.wa.gov.au/cgmmv**.
* Go to the [vegetablesWA](http://www.vegetableswa.com.au/) website - **vegetableswa.com.au** - for Vietnamese translations of CGMMV updates.
* Northern Territory Government - [CGMMV web pages](https://nt.gov.au/industry/agriculture/food-crops-plants-and-quarantine/cucumber-green-mottle-mosaic-virus/about-cucumber-green-mottle-mosaic-virus).
* Queensland [Department of Agriculture and Fisheries](https://www.daf.qld.gov.au/) [CGMMV web pages](https://www.daf.qld.gov.au/plants/health-pests-diseases/a-z-significant/cucumber-green-mottle-mosaic-virus).

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