



Agdia Launches Rapid Test Kit for Capsicum Chlorosis Virus (CaCV)

Agdia is pleased to announce the launch of new product for [rapid, in-field detection of *Capsicum chlorosis virus* \(CaCV\)](#) on their popular ImmunoStrip® platform.

Capsicum chlorosis virus is an emerging *Tospovirus* (*Orthotospovirus*) transmitted by several species of thrips.

To date, CaCV has been reported in Australia, China, Greece, India, Iran, Taiwan, Thailand, the United States and Vietnam.

As a still-emerging threat, the full host range for this virus is yet to be determined. Known vegetable hosts for *Capsicum chlorosis virus* include peppers, tomatoes and zucchini. Other documented hosts include Hoya ("Wax plant"), groundnut/peanut and Phalaenopsis orchids. Several species of weeds are also known to be reservoir hosts for CaCV.

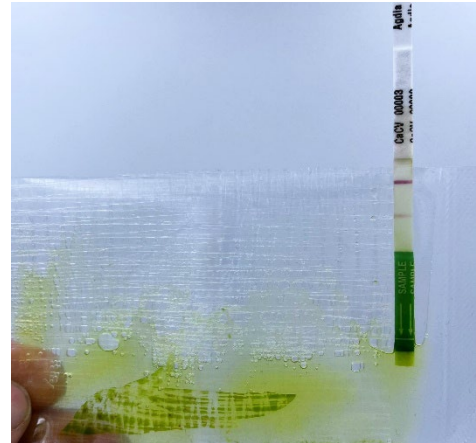


Figure 1: Agdia's new ImmunoStrip® for *Capsicum chlorosis virus*

Symptoms include necrotic ringspots, chlorotic ringspots and leaf mottling. Necrotic symptoms may also be visible on the fruit of infected pepper plants.

Agdia's new ImmunoStrip® for *Capsicum chlorosis virus* detected all 27 distinct samples of CaCV tested during product validation, resulting in a diagnostic sensitivity of 100%. No cross-reactions were observed when this product was tested against other related viruses. No false positive reactions were observed after testing against 20 healthy host species tissues.

Agdia's ImmunoStrip® platform provides end-users with unrivaled utility; samples can be tested in the field or lab by those having no previous diagnostic experience, and results are visualized within 30 minutes. This product includes everything necessary to perform a test and does not require special equipment. Test protocol is simple and includes:

1. Sample collection and extraction in Agdia buffer bags
2. Placing the ImmunoStrip® in the sample extraction bag
3. Allowing results to develop.

Test results are visualized as a single control line or a control and test line for negative or positive results, respectively. The introduction of Agdia's CaCV ImmunoStrip® expands their catalog to [54 plant pathogen products on this platform](#).

The CaCV ImmunoStrip® is [sold in kits of 5 or 25 strips](#), and kits include everything necessary to perform a test. Agdia provides a one-year warranty and comprehensive customer support on all purchased products. For more information on these products, in addition to Agdia's full catalog of pathogen detection products, visit the company's website at www.agdia.com, e-mail info@agdia.com, phone 1-574-264-2615 (toll-free 800-622-4342) or fax 1-574-264-2153.



About Agdia

A leading provider of diagnostic solutions for agriculture, Agdia, Inc. has been serving plant breeders, propagators, growers, universities, and private testing laboratories since 1981. The company offers a comprehensive portfolio of validated, easy-to-use diagnostics for identifying plant pathogens, hormones, and transgenic traits. In addition, Agdia operates an ISO accredited, in-house, testing services laboratory. Agdia's quality management system is ISO 9001:2015 certified and their Testing Services Laboratory is ISO/IEC 17025:2017 accredited by ANAB. Visit the company's website at www.agdia.com, e-mail info@agdia.com, phone 1-574-264-2615 (toll-free 800-622-4342) or fax 1-574-264-2153.

ImmunoStrip® is a registered trademark of Agdia, Inc.