

Product Information: AgriStrip Calibrachoa mottle virus (CbMV)

Intended use

This test is intended to detect CbMV in leaf samples. This virus spreads easily by mechanical means and is most important on *Calibrachoa* and *Petunia*. The symptoms of CbMV on *Calibrachoa* plants can vary from severe mottling to symptomless depending upon cultivars and growing conditions.

Specificity and sampling instruction

The antibodies used for this AgriStrip assay were made against a virus isolate of *Calibrachoa* and react specifically with calibrachoa mottle virus (Winter, S., and Lesemann, D.-E. 2004. DGP, Arbeitskreis Viruskrankheiten der Pflanze - Abstracts 2004). Strongest coloration of testbands was obtained with a 1:60 to 1:500 (w/v) dilution of an extract of infected *Calibrachoa* leaves.

Instructions for use

- 1) Place approx. 0.1 g of leaf (corresponds to the size of 1 Euro coin ≈5 cm²) into an extraction bag (Fig. 1*) and add 3 ml of **AgriStrip extraction buffer A** with a disposable pipette (1:30 w/v).
- 2) Homogenize the tissue with a handheld homogenizer with a few movements for not more than 2-3 seconds (Fig. 2*).
- 3) **Transfer 2 drops of extract** (Fig. 3*) **and 2 drops of extraction buffer into a cuvette.**
- 4) Insert the end of the strip marked «sample» into the extract (Fig. 4*) and observe formation of colored bands.

* For figures, please refer to «AgriStrip General Information».

Maximal
sample size



Ordering Information

Product	Art. No.	Assays
CbMV AgriStrip Complete kit	170781	25
CbMV AgriStrip Single strips*	170782	25
CbMV AgriStrip Single strips*	170783	100
* including AgriStrip Extraction buffer A, ready-to-use		
Optional Products	Art. No.	Size
Cuvette rack, holds 12 cuvettes	2166	1
Cuvettes, disposable	2534	100
Pipettes, disposable	2292	500
Extraction bags «Universal»	430100a	100
Homogenizer hand model	400010	1

1/1

Version: 2 - 19.04.2011