

## **Abstract**

Cucumber vein yellowing virus (CVYV) is transmitted by *Bemisia tabaci*, it has a narrow host range restricted to some cucurbitaceous plants including *Cucumis sativus*, *C. melo*, *C. melo var. flexuosus*, *Cucurbita pepo*, *C. foesti*, *Citrullus vulgaris*, *C. colocynthis* and *Lagenaria siceraria*.

Although a single whitefly can transmit the disease, the efficiency of transmission was low. At least 15–20 insects per plant were required to cause an infection of 55 % of inoculated plants. The minimum acquisition and inoculation feeding periods were 30 and 15 min, respectively.

The latent period in the vector is about 75 min and the whitefly was infectious for not more than 5 h.