

**HISTOPATHOLOGICAL CHANGES IN BOTTLE GOURD  
[LAGENARIA SICERARIA (MOL.) STANDL] LEAF INFECTED  
BY CUCUMBER GREEN MOTTLE MOSAIC VIRUS (CGMMV)**

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**ABSTRACT:** Bottle gourd is affected by a number of diseases caused by fungi, bacteria and viruses. Among these mosaic disease caused by cucumber green mottle mosaic virus is most serious and has been recorded from several parts of the country. Histopathological studies have revealed that healthy leaf had more thickness when compared to infected one. Similarly tubular epidermal cells of diseased leaf showed less measurement than healthy leaf. A comparison of the palisade cells in the healthy and diseased samples show clear cut change in length and breadth of palisade cells due to infection.

**Key Words :** Bottlegourd, histopathology, CGMMV.