

PRINCIPLES STUDY TO DETERMINE SPREAD OF CUCUMBER MOSAIC VIRUS IN  
PROTECT FIELDS ON SOLANACEAE PLANTS IN DIYALA PROVINCE-Iraq .

K. A. Hassan

Diyala Univ.

ABSTRACT

This study was conducted to determine the distribution of CMV in protected fields cultivated by Solanaceae plants. 750 samples collected from different towns in Diyala province from Solanaceae plants seem to show infection by CMV. These samples show that more than 60% of diseased plants are infected by CMV. Diagnosis of CMV was according to the symptoms which appear on indicator plants, physical properties of this virus and transmission by seeds. Samples were ground in phosphate buffer in mortar, we suggested to use integrated pest control to reduce the infection in this virus.