

DISEASE MANAGEMENT TO CUCUMBER MOSAIC VIRUS TRANSMITTED BY APHIDS INSECT MYZUS PERSICAE IN BANI SAAD AREA _ DIYALA GOVERNMENT IN OPENED FIELD

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ABSTRACT

Cucumber mosaic virus belong to Cucumovirus genus and Bromoviridae family it had record at the first time in Iraq. But it is recorder on cucumber crop in 1988 . Many test was don on Cucumber crop in the Season crop agriculture to study the effect of use disease Management such as agricultural applications, chemical applications combined to Reduce the proportion of the virus and the appearance it will delay by comparison the (Obstacles Plant., planting date, plant population, the use of insecticide, mineral oil) in reducing infection rates and delay the appearance compared to other transactions are free of these agricultural applications. Where the results have indicated that there were significant differences between transactions using disease Management and the treatment comparison in terms of time symptoms of infection and percentage in both seasons, and was to postpone agriculture seasons, has an obvious effect on the onset of symptoms and the infection rates in percentages, the experience of diagnosis of the virus depending on the symptoms shown by the infection to indicators plants and the transmission mechanism mediated aphid *Myzus persicae* indicated that the virus is a pathogen CMV Through

To these results we recommend using the disease Management program in an attempt to curb the spread of the virus CMV.

Key words : mosaic virus , cucumber crop .