

A REVIEW

Identification of the viruses causing mosaic diseases in chilli (*Capsicum annum* L.) in Tarai region of eastern U.P.

■ Vipin Kumar, Drinkal Yadav, Ajay Kumar Pandey and Ravindra Kumar

SUMMARY

Viruses are the most common disease causing agent in plants among them various forms of mosaic causing viruses were discovered in chilli (*Capsicum annum* L.) plant species in the Uttar Pradesh. Based on the results of serological tests and responses to various host symptomatologies, four different forms of mosaic causing viruses have been identified. Tobacco mosaic virus (TMV), potato virus X (PVX), cucumber mosaic virus (CMV) and potato virus Y (PVY) have all been found either alone or in combination with other mosaic viruses. Among them most commonly infecting one is CMV.

Key Words : Capsicum, Mosaic disease, CMV, PVX and PVY, TMV

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