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**Images on the front cover:** Maize (*Zea mays* L.) is infected by 50 known phytopathogenic viruses, however, the maize dwarf mosaic virus (MDMV) is the most common. Research on the effects of MDMV has been carried out at the Chirchik State Pedagogical University, Tashkent, Uzbekistan. Seven maize genotypes were mechanically inoculated with viral juice. A virus-specific anti-serum obtained through immunological process was used to diagnose the MDMV. By identification through molecular-genetic process, the viral disease symptoms appeared after 4-5 days of infection. The virus infection rate was 47% in 2020, however, in 2023 with control measures the infection rate reduced to 23%. With the influence of MDMV, the number of cobs, cob length, grains per cob, 1000-grain weight, and grain protein content decreased by 50.00%, 43.21%, 30.43%, 28.6%, and 1.00%, respectively. Information regarding the present study can be found in the research manuscript of Sobirova *et al.* (2024). Sobirova ZS, Fayziev VB, Akhmadaliev BJ, Omonov NS, Sobirova KG, Akhmedova ZY, Egamberdiyeva L. (2024). MDMV influence on the productivity of maize (*Zea mays* L.). *SABRAO J. Breed. Genet.* 56(6): 2196-2204. <http://doi.org/10.54910/sabrao2024.56.6.2>.

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### CONTENTS

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# **SABRAO JOURNAL OF BREEDING AND GENETICS**

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