

Broad Bean Wilt Virus (BBWV) Isolated from *Rehmania glutinosa* Liboschitz

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A virus was isolated from *Rehmannia glutinosa* Lib. plants showing yellow necrotic symptoms on the leaves, and was identified as broad bean wilt virus (BBWV). Identification of the BBWV was established by host range test, electron microscopy and serological reaction of the virus. We investigated mixed infections with tobacco mosaic virus (TMV) and BBWV in inoculated or systemic infected leaves. In the host range test, *Nicotiana glutinosa* and *N. tabacum* cv. samsun were systemically infected with the virus. Virus showed local lesions on inoculated leaves of *Datura stramonium*, *Vigna sinensis*, *Chenopodium amaranticolor*. However, *Pisum sativum*, *Brassica rapa* did not show any symptoms. We studied BBWV separation in double infections from the same host. This virus reacted positively with antiserum in ELISA test. For detection of the viruses, RT-PCR was carried out with specific primer. The RT-PCR product, a 670bp, was obtained from naturally infected leaves of Seocheon.