

**A NEW HOST OF THE VIRUS (VIRUS B) CAUSING CUCUMBER MOSAIC
IN PUERTO RICO**

Cucumber mosaic in Puerto Rico is caused by two different viruses¹ which have been tentatively named A and B. These viruses differ from each other in symptomatology, host range, and physical properties. As far as we have been able to determine virus A is not transmissible to plants outside the cucurbit family. On the other hand, virus B is capable of infecting not only cucurbits but plants of other families as well.

The purpose of this note is to report the presence of a mosaic on *Impatiens Sultani* Hook. caused by a virus which, when inoculated on cucumber and *Phytolacca decandra* Linn., produces symptoms indistinguishable from those produced by virus B on these hosts. *Impatiens sultani* Hook. is an ornamental known locally as *Alegria* and belongs to the family Balsaminaceae. The infected plants were found on the Station grounds.

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¹ Adsuar, J. and Cruz Miret, A., Virus Diseases of Cucumbers in Puerto Rico' Tech. Paper No. 6, Agr. Exp. Sta., Univ. P. R., 1950.