



*Research Paper*

**SUSCEPTIBILITY OF SILKWORM RACES TO *BOMBYX MORI*  
NUCLEOPOLYHEDROVIRUS**

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**ABSTRACT**

Twenty-eight silkworm races were screened for their susceptibility to *Bombyx mori* nucleopolyhedrovirus (BmNPV) by peroral infection with inclusion bodies of BmNPV. Among the tested races, J137 x C146 was the least susceptible and Kanoh was the most susceptible. The degree of susceptibility between the least and the most susceptible races was 128 times based on LC50. In certain combinations of hybrids, heterosis was observed for BmNPV resistance.

**Key words:** *Bombyx mori* nucleopolyhedrovirus, LC50, silkworm, susceptibility.