USING BACULOVIRUS TO RESTORE AND CONSTRUCT STABLE NATURAL AND ANTROPINATED ECOSYSTEM FOR CONTROL OF THE *Hyphantria cunea* Drury

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Abstract

The aim of the present paper is to discuss the results of two years attempt of biological control of H. cunea populations with a baculoviral product. In the report there are also submitted the results of the joint application of the biological preparation Virin ABB-3. The preparation is based on viruses of nuclear polyhedrosesis and granuoses with cumulative and synergetic action. In such context, the problem is connected to large application of baculoviral preparation that have become a reality only by elaboration and organization of production of such biological means, work registered after execution of deep biotechnological researches. The criterion of stable ecological system and the methods restoration and construction were also analyzed. Meanwhile, the experiment in which viruses were used and successfully control of the species H.cunea persistently indicate that the insect viruses play an important role in restoring and constructing stable natural and antropinated ecology system.

Key words: *Hyphantria cunea*, natural and antropinated ecology system, biological control, baculoviral preparation, VG, VPN.