

Effect of Apex 5E (Methoprene) against Porthesia taiwana
and Orgyia posticus in soybean

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Abstract

Apex 5E is an insect growth regulator which inhibits moulting, resulting in death. Second, third and fourth instar larvae of Porthesia taiwana had 71.1 ~ 62.6 % mortality after treating with Apex 5E ranging from 0.7 to 2ppm. This agent kills the old larvae of P. taiwana more effective than the young ones. Orgyia posticus with the exception of treatment with 2ppm of this agent, the others were ineffective against this ones in this study.