Title Biology and management of *Plodia interpunctella* (Lepidoptera: Pyralidae) in stored products

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Abstract

Plodia interpunctella (Hübner), the Indian meal moth, is a world-wide insect pest of stored-products and processed food commodities. It can infest a variety of products and is perhaps the most economically important insect pest of processed food. In this review, we summarize the biology of *P. interpunctella*, discuss oviposition and development in relation to temperature, environment and food source, examine studies involving sampling and detection, describe various aspects of integrated control, summarize the current knowledge regarding management of *P. interpunctella*, and address potential areas for new research. The use of reduced-risk insecticides, non-chemical control, targeted pest management through spatial analysis and other means of identifying specific locations of infestations, and computer models that simulate population growth, are examples of some of those new areas of research.