



RESEARCH ARTICLE

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Efficacy of Qinalphos 25 EC against *Antigastra catalaunalis* and *Asphondylia sesami* of sesamum

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ABSTRACT : Experiment was conducted during *Kharif* 2015 -2016 at field of Department of Agricultural Entomology, Post Graduate Institute, Dr. Panjabrao Deshmukh Krishi Vidyapeeth, Akola, to study efficacy of Qinalphos 25 EC against gall fly and capsule borer of Sesamum. Sesamum crop is attacked by number of insect pest throughout growing season. Leaf roller/capsule borer, *Antigastra catalaunalis* Dup. and sesamum gall fly is important, as it is regular in occurrence and thus a major pest. Quinalphos is contact and stomach poison having cholinesterase inhibiting action control many insect pests of the orders Lepidoptera, Coleoptera, Diptera and Hemiptera. As per behaviour of these pests it is essential to apply insecticide at proper growth stage of crop to avoid losses. Quinalphos 25 EC @ 2 ml / lit. of water applied at 15, 30 and 45 days after crop emergence therefore prove effective against leaf webber, gall fly and capsule borer.

KEY WORDS : Quinalphos 25 EC, Efficacy, Gall fly, Leaf webber, Capsule borer

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