

Nuts—Chemical Control

Efficacy of Neem as an Insecticide Against *Archips rosanus*

M.T. AliNiasee, A. Al-Hemaryi and M. Saeed
Oregon State University Department of Entomology, Corvallis, OR

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Efficacy of Neem extract was tested against the European (Filbert) leafroller *Archips rosanus* (L.) under laboratory and field conditions. Data indicated that Neem extract induced three types of responses in the exposed insects. At high rates, immediate toxicity, chronic toxicity, and growth regulatory type effects were noticed. At lower rates, the immediate toxicity was less pronounced, but chronic toxicity and feeding deterrent responses were visible. Metabolic difficulties, developmental abnormalities (including difficulty to pupate and delayed growth) and sluggishness were common symptoms. Effective control of this pest was noticed in the field trials.