

Article title

Potential of certain plant volatile oils and chemicals against lesser wax moth, *Acheroia gresilla* L.(Lepidoptera: Pyralidae)

Abstract

The oils of six plants viz.; clove; *Eugenia aromatic.*, basil; *Ocimum basillicum* L., thyme; *Thymus vulgaris* L., blue gum; *Eucalyptus* spp., spearmint; *Minth viridis* L., Lemongrass oil; *Cymbopogon citrates* Hort. And six aromatic fragments namely; methyl salicylate, eugenol, menthol, thymol, camphor and naphthalene were tested against *Acheroia gresilla* L. Paradicholorbenzene, acetic and formic acids were used as check and the LC_{50s} were detrmined against the last larval instar. Results revealed that methyl salicylate, formic acid, clove and basil oils highly effective.