Adulticidal and Ovicidal Activities of Plant Essential Oils against *Trialeurodes vaporariorum*(Homoptera: Aleyrodidae)

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A total of 53 plant essential oils were tested for their adulticidal and activities against the ovicidal greenhouse whitefly. *Trialeurodes* vaporariorum Westwood, using impregnated filter paper bioassays. Lemon eucalyptus (Eucalyptus citriodora), lemongrass (Cymbopogon citratus), lime dis 5F (Citrus aurantifolia), peppermint (Mentha piperita), pennyroval (Mentha pulegium), rosewood (Aniba rosaeodora), and tea tree (Melaleuca tenifolia) gave over 90% mortality against whitefly adults at 0.072 μ l/cm² and eggs at 0.29 μ l/cm². Adulticidal and ovicidal activities of the test essential oils were significantly correlated (r = 0.85). Adults were more susceptible to application of essential oil than eggs. These plant oils described merit further study as whitefly control agents.