

Title (en)  
PLANT ACARICIDAL COMPOSITIONS AND METHODS

Title (de)  
PFLANZEN-AKARIZIDE MITTEL UND VERFAHREN

Title (fr)  
PREPARATIONS ACARICIDES VEGETALES ET LEURS PROCEDES D'UTILISATION

Publication  
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Application  
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Abstract (en)  
[origin: WO0167868A2] The present invention relates to acaricides. More particularly, the present invention relates to botanical acaricides. In particular, the present invention relates to compositions and methods for controlling plant-infesting acari with plant extracts and notably with compositions comprising oil extracts from Chenopodiaceae and more particularly *Chenopodium ambrosioides*. The invention further relates to compositions comprising such extracts as acaricidal compositions displaying a potent effect on Tetranychidae (mites) and providing the advantages of minimal development of resistance thereto, minimal toxicity to mammals, minimal residual activity and environmental compatibility. In a further embodiment, the compositions of the present invention further display insecticidal activity on plant-infesting insects. In an especially preferred embodiment, the plant acaricidal composition comprises alpha -terpinene, p-cymene, limonene, ascaridole, iso-ascaridole, thymol and carvacrol.

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