

Title (en)

MITICIDAL COMPOSITION AND METHOD FOR CONTROLLING SPIDER MITE POPULATIONS

Title (de)

MILBIZIDE ZUSAMMENSETZUNG UND VERFAHREN ZUR BEKÄMPFUNG VON SPINNMITTEN-POPULATIONEN

Title (fr)

COMPOSITION ACARICIDE ET PROCÉDÉ D'ÉLIMINATION DE POPULATIONS DE TÉTANYQUES

Publication

EP 0696169 A1 19960214 (EN)

Application

EP 94915966 A 19940502

Priority

- US 9404799 W 19940502
- US 5500593 A 19930430

Abstract (en)

[origin: WO9424862A1] A miticidal composition is provided for controlling female and male spider mite populations whether susceptible or resistant and whether immature or adult. The miticidal composition has a miticide selected from the group consisting of organotin, organophosphates, diamides, sulfite esters, macrocyclic lactones, elemental sulfur and combinations thereof; and an effective amount of a sesquiterpene compound selected from the group consisting of sesquiterpene alcohols, analogs thereof and combinations thereof for enhancing the toxic effectiveness of the selected miticide. Preferably, the effective amount of the sesquiterpene compound ranges from about 300 ppm to about 1000 ppm in the composition, with the proviso that when the miticide is elemental sulfur the effective amount of the sesquiterpene compound ranges from about 500 ppm to about 1000 ppm in the composition. The sesquiterpene compound is preferably a sesquiterpene alcohol, more preferably the sesquiterpene alcohol is selected from the group consisting of farnesol, nerolidol and combinations thereof.

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