

Title (en)
ACTIVE INGREDIENT COMBINATIONS HAVING INSECTICIDE AND ACARICIDE PROPERTIES

Title (de)
WIRKSTOFFKOMBINATIONEN MIT INSEKTIZIDEN UND AKARIZIDEN EIGENSCHAFTEN

Title (fr)
COMBINAISONS DE PRINCIPES ACTIFS AYANT DES PROPRIETES INSECTICIDES ET ACARICIDES

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Application
EP 06706933 A 20060214

Priority
• EP 2006001326 W 20060214
• DE 102005008033 A 20050222

Abstract (en)
[origin: DE102005008033A1] An agent (A) comprises a mixture of a pyrrole or pyrrolidine ketoenol compound (I) and ethiprole. An agent (A) comprises a mixture from ketoenol compound of formula (I) and ethiprole. X : H, alkyl, alkoxy, haloalkyl, haloalkoxy or CN; W 1>, Y 1>, Z : X or halo; either A : H, optionally halogen substituted alkyl, alkoxyalkyl, saturated, optionally substituted cycloalkyl (where at least a ring atom is optionally substituted by a heteroatom); and B 1>H or alkyl; and D : H or alkyl, alkenyl, alkoxyalkyl or saturated cycloalkyl (where one or more membered ring is substituted by a heteroatom); or C+A+B 1> and A+D : optionally saturated, heteroatom containing and substituted cyclic compound; G : H, -CO-R 1>, -C(=L)-M-R 2>, -SO 2-R 3>, -P(=L)(R 4>)(R 5>), E or -C(=L)-N(R 6>)(R 7>); E : metal ion or ammonium ion; L, M : O or S; R 1>alkyl (optionally substituted by halo), alkenyl, alkoxyalkyl, alkylthioalkyl, polyalkoxyalkyl, cycloalkyl (optionally substituted by halo, alkyl or alkoxy and interrupted by heteroatom), or optionally substituted phenyl, phenylalkyl, heteroaryl, phenoxyalkyl or hetaryloxyalkyl; R 2>alkyl (optionally substituted by halo, alkenyl, alkoxyalkyl, polyalkoxyalkyl or cycloalkyl), phenyl or benzyl; R 3>alkyl (optionally substituted by halo) or optionally substituted phenyl; R 4>, R 5>alkyl (optionally substituted by halo, alkoxy, alkylamino, dialkylamino, alkylthio, alkenylthio or cycloalkylthio) or optionally substituted phenyl, benzyl, phenoxy or phenylthio; and either R 6>, R 7>H, optionally halogen substituted alkyl, cycloalkyl, alkenyl, alkoxy or alkoxyalkyl, optionally substituted phenyl or benzyl; or NR 6>R 7>a ring, optionally substituted by oxygen or sulfur. An independent claim is included for the preparation of an insecticide and acaricide agent comprising mixing (A) with a diluting agent and/or surface-active materials. [Image] ACTIVITY : Antiparasitic; Insecticide; Acaricide; Herbicide. A composition comprising 20 ppm of Ethiprole and 4 pp of carbonic acid 3-(2,5-dimethyl-phenyl)-8-methoxy-2-oxo-1-aza-spiro[4.5]dec-3-en-4-yl ester ethyl ester was tested against Myzus persicae on Wild Cabbage (Brassica oleracea). Testing was carried out by dipping into the active substance preparation. The observed effectiveness at aphid killing was 95%. MECHANISM OF ACTION : None given.

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