

Title (en)
ARTHROPODICIDAL OXAZOLINES AND THIAZOLINES

Title (de)
ARTHROPODIZIDE OXAZOLINE UND THIAZOLINE

Title (fr)
OXAZOLINES ET THIAZOLINES ARTHROPODICIDES

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Application
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Abstract (en)

[origin: WO9713773A1] Compounds of formula (I), and their N-oxides and agriculturally suitable salts, are disclosed which are useful as arthropodocides, wherein R<3> is selected from the group Si(R<6>)(R<7>)(R<8>); Ge(R<6>)(R<7>)(R<8>); 2,8,9-trioxo-5-aza-1-silabicyclo[3.3.3]undecan-1-yl optionally substituted with 1-6 C1-C3 alkyl; C1-C3 alkylthio; C1-C3 haloalkylthio; C1-C3 alkylsulfanyl; C1-C3 haloalkylsulfanyl; C1-C3 alkylsulfonyl; C1-C3 haloalkylsulfonyl; phenyl substituted with C1-C3 haloalkylthio, C1-C3 haloalkylsulfanyl; C1-C3 haloalkylsulfonyl or C1-C3 haloalkylsulfonyloxy and optionally substituted with 1-2 W; hydroxymethyl substituted on the carbon atom with 1-2 J; and C1-C6 alkyl substituted with 1-3 members independently selected from the group cyano, hydroxy, C1-C4 alkoxy, C1-C4 haloalkoxy, C1-C4 alkylthio, C1-C4 alkylsulfanyl, C1-C4 alkylsulfonyl, C1-C4 haloalkylthio, C1-C4 haloalkylsulfanyl, C1-C4 haloalkylsulfonyl, formyl, C2-C4 alkoxycarbonyl, C2-C4 alkylcarbonyloxy, C2-C4 alkoxy carbonyloxy, phenoxo optionally substituted with 1-3 W, phenylthio optionally substituted with 1-3 W, phenylsulfanyl optionally substituted with 1-3 W, and phenylsulfonyl optionally substituted with 1-3 W, or, when two members are attached to the same carbon atom, said members can be taken together as -OCH₂CH₂O-, -OCH₂CH₂CH₂O-, -SCH₂CH₂S-, or -SCH₂CH₂CH₂S-, each CH₂ of said taken together members optionally substituted with 1-2 C1-C3 alkyl; and A, E, Y, Z, R<1>, R<2>, R<4>-R<8>, R<10>, and q are as defined in the disclosure. Also disclosed are compositions containing the compounds of formula (I) and a method for controlling arthropods which involves contacting the arthropods or their environment with an effective amount of a compound of formula (I).

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