

Title (en)  
SUBSTITUTED PYRIDYLPYRAZOLES AS HERBICIDES, INSECTICIDES AND ACARICIDES

Title (de)  
SUBSTITUIERTE PYRIDYLPYRAZOLE ALS HERBIZIDE, INSEKTIZIDE UND AKARIZIDE

Title (fr)  
PYRIDYLPYRAZOLES SUBSTITUES COMME HERBICIDES, INSECTICIDES ET ACARICIDES

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Abstract (en)  
[origin: DE19721031A1] The invention relates to novel substituted pyridylpyrazoles of general formula (I), wherein m = 0 or 1; n = 1, 2 or 3; R<1> = hydrogen, optionally cyano, halogen or C1-C4-alkoxy substituted alkyl with 1-6 C atoms, or optionally cyano or halogen substituted alkenyl or alkynyl with 2-6 C atoms; R<2> = hydrogen, nitro, hydroxy, mercapto, carboxy, cyano, thiocarbamoyl, halogen, or cyano, halogen or C1-C4-alkoxy substituted alkyl or cyano, halogen or C1-C4-alkoxy substituted alkoxy, alkoxycarbonyl, alkythio, alkylsulfinyl or alkylsulfonyl with 1-6 C atoms; R<3> = hydrogen, cyano, halogen or optionally cyano, halogen or C1-C4-alkoxy substituted alkyl with 1-6 C atoms and R<4> = nitro, cyano, carboxy, carbamoyl, thiocarbamoyl, hydroxy, mercapto, amino, hydroxyamino, halogen or for one of the following groups: -Q-R<5>, -NH-R<5>, -NH-O-R<5>, -NH-SO<sub>2</sub>-R<5>, -N(SO<sub>2</sub>-R<5>)<sub>2</sub>, -CQ<1>-R<5>, -CQ<1>-Q<2>-R<5>, -CQ<1>-NH-R<5>, -Q<2>-CQ<1>-R<5>, -NH-CQ<1>-R<5>, -N(SO<sub>2</sub>-R<5>), (CQ<1>-R<5>), -Q<2>-CQ<1>-Q<2>-R<5>, -NH-CQ<1>-Q<2>-R<5> or -Q<2>-CQ<1>-NH-R<5>, wherein Q = O, S, SO or SO<sub>2</sub>, Q<1> and Q<2> = oxygen or sulfur, and R<sub>5</sub> has the meaning cited in the description. The invention also relates to a method for the production and use of novel pyridylpyrazoles as phytosanitary agents, specially as herbicides, insecticides and acaricides.

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