

Title (en)
2,4-DIAMINO-1,3,5-TRIAZINES, METHOD FOR PRODUCING THEM AND THEIR USE AS HERBICIDES AND PLANT GROWTH REGULATORS

Title (de)
2,4-DIAMINO-1,3,5-TRIAZINE, VERFAHREN ZUR HERSTELLUNG UND VERWENDUNG ALS HERBIZIDE UND PFLANZENWACHSTUMSREGULATOREN

Title (fr)
2,4-DIAMINO-1,3,5-TRIAZINES, LEUR PROCEDE DE PRODUCTION ET LEUR UTILISATION COMME HERBICIDES ET REGULATEURS DE LA CROISSANCE DES PLANTES

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Abstract (en)
[origin: DE19912637A1] The invention relates to compounds of formula (I) or their salts; R<1>= (substituted) aryl, (substituted) (C3-C9)cycloalkyl, (substituted) heterocyclyl, (substituted) (C1-C6) alkyl, (substituted) (C2-C6) alkenyl or (substituted) (C2-C6) alkynyl, R<2>= a (substituted) carbocycle with 4 to 6 ring atoms, a (substituted) heterocycle with 3 to 6 ring atoms and 1 to 4 heteroatoms N, O and S, or formula -A-Z wherein A=straight-chained, optionally substituted (C1-C4) alkylene, (C2-C5) alkenylene or (C2-C5) alkynylene, Z=(substituted)carbocycle with 3-6 ring atoms, (substituted) heterocycle with 3-6 ring atoms and 1-4 heteroatoms N, O and S, R<3>=H, (substituted) (C1-C6) alkyl, (substituted) aryl or (substituted) (C3-C9) cycloalkyl, or a radical of formula -N(B<1>-D<1>)(B<2>-D<2>) or -NR<1>-N(B<1>-D<1>)(B<2>-D<2>) or -NR<1>-N(B<1>-D<2>), wherein B<1>, B<2>, D<1> and D<2> have the meanings given below and R'=H means (C1-C8) alkyl or [(C1-C4) alkyl]-carbonyl; R<4>=-B<3>-D<3>, B<3> and D<3> being defined as follows: B<1>, B<2> and B<3>= a direct bond or -C(=Z*)-, -C(=Z*)-Z**-, -C(=Z*)-NH- or -C(=Z*)-NR*-, whereby Z*, Z**=O, S and R*=(C1-C6) alkyl, aryl-(C1-C6) alkyl, (C3-C9) cycloalkyl or (C3-C9) cycloalkyl-(C1-C6) alkyl, optionally substituted, respectively, D<1>, D<2>, D<3>=H, (C1-C6) alkyl, aryl, aryl-(C1-C6) alkyl, (C3-C9) cycloalkyl or (C3-C9) cycloalkyl-(C1-C6) alkyl, optionally substituted, respectively and (X)_n are substituents, as defined in more detail in claim no. 1 and n=0-5. The inventive compounds are suitable for use as herbicides and plant growth regulators.

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