

Title (en)
METHOD FOR REINFORCING THE GROWTH OF CROPS AND ORNAMENTAL PLANTS AGAINST UNWANTED FUNGAL ATTACK IN THE ABOVE-GROUND REGION OF THE PLANTS

Title (de)
STÄRKUNG DES WACHSTUMS VON NUTZ- UND ZIERPFLANZEN GEGEN UNERWÜNSCHTEN PILZBEFALL IM OBERIRDISCHEN PFLANZENBEREICH

Title (fr)
RENFORCEMENT DE LA CROISSANCE DE PLANTES UTILES ET DE PLANTES DECORATIVES POUR LES PROTEGER CONTRE L'ATTAQUE DE CHAMPIGNONS INDESIRABLES DANS LA PARTIE DES PLANTES EN SURFACE

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Application
EP 00922640 A 20000415

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Abstract (en)
[origin: DE19918693A1] The invention relates to multi-component mixtures for the preventative and/or intensive reinforcement of crops and/or ornamental plants against attack by pathogens, especially pathogenic fungi, but also against other harmful factors such as drought stress or mechanical stresses such as hail. The mixtures of valuable substances are applied to the above-ground part of the plant in an aqueous preparation and contain the following: (a) ecologically compatible oil-in-water-type wetting agents; (b) water-soluble and/or water-swellable and plant-available compounds of silicon with (c) lipophilic saturated and/or olefinically unsaturated hydrocarbon radicals with organic compounds that have a fat structure and are both aerobically and anaerobically decomposable. Preferred forms of embodiment use additional components (d), which are compounds containing P and/or N and having lipophilic radicals. The invention also relates to the use of the multi-component mixtures for preventative and/or intensive plant reinforcement against harmful factors, especially for combating and/or defending plants against fungal attacks by applying homogenised aqueous preparations of the mixture of active agents of components consisting of (a), (b) and (c) to the above-ground part of the plant, preferably in conjunction with simultaneous and/or deferred application of the component(s) (d).

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