Recent patent applications in agricultural microbes

Patent number	Description	Assignee	Inventor	Priority application date	Publication date
US8268755B2	A novel oxime ether derivative, and salt thereof, and a fungicide for agricultural and horticultural use that contains at least one of these compounds as an active ingredient.	Nippon Soda Co. (Tokyo)	Furukawa H, Kuwahara R, Hosokawa H, Shimizu K	12/11/2007	9/18/2012
US7884216B2	A fluorine-containing pyrazole carbonitrile derivative and a method for its production; useful for conversion to an important raw material for agrihorticultural insecticides.	Mitsui Chemicals Agro Inc. (Tokyo)	Umetani H, Kakimoto T, Aoki Y	2/20/2007	2/8/2011
US6565846B2	A method for screening bacteria or bacterial spores having antagonistic activity against pathogenic bacteria in the vegetation, soil or seed generated during raising of gramineous plant seedlings, comprising using tropolone resistance and nontropolone productivity as an indicator.	Kureha Chemical Industry Co. (Tokyo)	Tateishi H	9/26/1997	5/20/2003
US5849767A	Chloropyridylcarbonyl derivatives of a specified formula, their acid addition salts and metal salt complexes.	Nihon Bayer Agrochem (Tokyo)	Kurahashi Y, Sawada H, Sakuma H, Kinbara T, Moriya K, Ishikawa K, Motonaga A	9/13/1995	12/15/1998
US5733355A	A microbiological agent for agricultural use, comprising a bacterium belonging to the genus *Bacillus*, producing a lipopeptide and which can be grown in soil under anaerobic conditions in the presence of a plant fiber, and a bacterium belonging to the genus *Bacillus* or *Clostridium*, which produces cellulases and which can be grown in soil under anaerobic conditions in the presence of a plant fiber.	Hibino S, Nagase Biochemicals (Tokyo), Risahru Kosan Ltd. (Tokyo)	Hibino S, Minami Z	9/29/1994	3/31/1998
US5676726A	A lightweight carrier having high water- and fertilizer-holding properties, and capable of immobilizing a large quantity of plant cultivating culture medium. The carrier holds a large quantity of microorganisms, greatly improving the survival rate of microorganisms that have been preserved for a long period of time. The carrier contains polysaccharide and lignin as the main components, and has cellular structures in the inner portion.	Otsuka Kagaku Kabushiki Kaisha (Osaka)	Aoki Y, Tanaka M	6/4/1993	10/14/1997
US5322834A	Microbicidal compositions comprise a synergistic mixture of a composition comprising three parts 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-4-isothiazolin-3-one; and bis(2-hydroxy-5-chlorophenyl) sulfide or a compound referred to as dipropylamine ether. Also claimed is a method for inhibiting the growth of bacteria, fungi and/or algae comprising incorporation of an effective amount of the composition onto or into a locus.	Rohm and Haas (Philadelphia)	Hsu JC	12/22/1988	6/21/1994
US5216180A	New hydroxyethyl-cyclopropyl-azolyl derivatives, a number of processes for their preparation and their use as microbicides in plant protection and in the protection of materials.	Bayer (Leverkusen, Germany)	Scherkenbeck J, Frie M, Stroech K, Himmler T, Ludwig GW, Brandes W, Dutzmann S	6/30/1989	6/1/1993
US5041459A	New hydroxy-keto-azoles, a process for their preparation and their use as microbicides in plant protection and in the protection of materials.	Bayer (Leverkusen, Germany)	Jautelat M, Brandes W, Dutzmann S, Hanssler G	6/28/1989	8/20/1991
US4964905A	A novel compound exhibiting high herbicidal activity with high selectivity, a novel herbicidal composition comprising as an active ingredient the novel compound, which is useful as an effective herbicide for various crops, and a method for the destruction of undesirable weeds using the novel herbicidal composition.	Asahi Kasei Kogyo (Osaka, Japan)	Kouji H, Misumi T	2/7/1985	10/23/1990

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