

Title (en)
REDUCTION OF NITRATE LEACHING FROM CULTIVATED SOILS

Title (de)
REDUKTION DER NITRAT-AUSWASCHUNG AUS KULTURBÖDEN

Title (fr)
REDUCTION DES LESSIVAGES DE NITRATES DE SOLS CULTIVES

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Application
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Abstract (en)
[origin: DE19830887A1] The invention relates to the utilization of ecologically compatible surface active agent compounds from the class consisting of water-soluble O/W-type alkyl(oligo)glycoside compounds (APG compounds) by applying the latter on the surface of the soil as additive for preventing nitrate leaching from the area of the plant roots in cultivated lands during sprinkling and/or irrigation. Preferably, the APG compounds are applied in the soil together with lipophilic saturated and/or olefinic unsaturated hydrocarbon radicals and aerobic and anaerobic degradable organic compounds having fatty structures.

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