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(57) Abstract :

ABSTRACT GRANULAR LIME BASED MICROBIAL FORMULATION AND A PROCESS FOR ITS PREPARATION The present disclosure relates to a granular lime based microbial formulation and a process for its preparation. The granular lime based microbial formulation comprises 95 mass% to 99.5 mass% of at least two liming agents, 0.08 mass% to 0.8 mass% of microorganisms of at least one species, 0.2 mass% to 2 mass% of at least one additive, 0.08 mass% to 0.8 mass% of at least one excipient. All the mass percentages are with respect to the total mass of the granular lime based microbial formulation. The granular lime based microbial formulation of the present disclosure neutralises pH of the soil, promotes plant growth and protects agricultural crops from soil borne disease. The granular lime based microbial formulation of the present disclosure is environment friendly. The process for preparing the granular lime based microbial formulation is cost-effective and scalable.

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