

(54) Title of the invention : NATURAL SOIL BOOSTER FOR ENHANCING SOIL FERTILITY

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(57) Abstract :

The present disclosure discloses a method (100) for preparing an antifungal and catalytic solution designed to significantly enhance soil fertility and promote robust crop growth. The method (100) involves a series of well-defined steps, including combining specific quantities of organic components such as cow dung, cow urine, jaggery, and dicot flour. These combined components undergo a controlled fermentation process, enabling the saturation of the combined components for a predetermined duration, resulting in the preparation of a potent antifungal and catalytic solution. The saturated solution is then applied to the soil, both during irrigation cycles and directly to the crops, during the initial three years of application. The method (100) has demonstrated remarkable benefits, including enhanced soil microbial activity and increased earthworm activity, ultimately leading to more productive and sustainable agricultural practices.

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