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(57) Abstract :

This invention presents Production of Potassium Nanoparticles from Coriandrum sativum- A potent Nano-biofertilizer. The present invention comprising of procuring plant material from Coriandrum sativum, transforming the acquired plant material into a potassium nanoparticle and combining the potassium nanoparticle into a biofertilizer designed for agricultural applications. The potassium nanoparticle, derived from Coriandrum sativum, exhibit distinctive features, including nanoscale dimensions, high purity, and suitability for application as a biofertilizer. Further, the present invention incorporates the application of eco-friendly synthesis methods to minimize the utilization of harmful chemicals and endorse ecological sustainability. Accompanied Drawing [FIG. 1-2]

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