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(57) Abstract :

This invention presents a Dose optimization of Seaweed extracts as Bio-stimulant for growth and yield augmentation of Summer Rice. The present invention comprising of a data collection module for recording growth parameters and yield data of rice crops subjected to varying concentrations of seaweed extracts, a computational module for analysing the collected data and identifying the seaweed extract concentration that optimizes growth and yield, and a feedback module for providing recommendations on the optimal dosage for future applications. Accompanied Drawing [FIG. 1-2]

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