



SEA 3 AGRICEUTICAL



About Our Company

SEA3 Agriceutical" is a start-up in the Department of Marine and Coastal Studies, School of Energy Sciences, Madurai Kamaraj University (MKU) at the level of Pre-Seed and Seed Stage initiated with the seed funding of RUSA-MKU 2.0. The start-up produce and promotes 100% natural, water-soluble Seaweed liquid fertilizer (SLF).The "Sea 3 Agriceutical" aims to develop and promote the product Seaweed liquid fertilizer blended with Chitin and Chitosan products to Enrich soil nutrients, increase plant growth, balance Nutrition and develop plant disease resistance. Initially, Seaweed liquid fertilizer (SLF) is the minimum viable product. SLF accelerates plant growth, supplies vital nutrients, and enhances soil quality. It boosts phosphorus availability, improves water retention, and fortifies plants against stressors. This versatile fertilizer, free of seeds and pathogens, is a key asset for sustainable and resilient agriculture.

Contact Us

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Website
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Applications:

- Biofertilizer
- Faster response from plants
- Supplies macro & micronutrients
- Increases phosphorus availability
- Phycocolloids- improve soil structure/ soil quality
- Increases water retention
- Cation-exchange capacities of soil, binds metal
- Boosts biological activity
- Improves plant resistance to aggressive biotic & abiotic agents
- Constitutes a useful bioresource free of adventitious seeds & pathogens
- Controls drought stress

Compositions:

- Additional to the minerals and polysaccharides-Phytohormones, cytokinins, vitamins, polyphenols, antimicrobial agents, and several other compounds of agronomical value.
- Macro elements: Potassium(K), Phosphorus (P), Calcium (Ca), and Sulphur (S).
- Microelements: Magnesium (Mg), Iron (Fe), Copper (Cu), Zinc (Zn) and Magnesium (Mn).
- Growth-promoting hormones such as auxins, cytokinins, gibberellins and abscisic acid (ABA).

Usage:

Bottle Volume: 250 ml

Dilution Rate: 1 ml - 3 ml per 1 litre

(1 ml of SLF mixed with 1 litre of water)