



KALASALINGAM

ACADEMY OF RESEARCH & EDUCATION

(DEEMED TO BE UNIVERSITY)

Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

Anand Nagar, Krishnankoil - 626126. Srivilliputtur (Via), Virudhunagar (Dt), Tamil Nadu | info@kalasalingam.ac.in | www.kalasalingam.ac.in



DEPARTMENT OF FOOD TECHNOLOGY

FOOD PRODUCT DEVELOPMENT

S. NO	NAME OF THE PRODUCT	USES	PICTURE
1	Enzyme mobilizer	Enzyme mobilization is confinement of enzyme to a phase (matrix/support) different from the one for substrates and products. Inert polymers and inorganic materials are usually used as a carrier matrix.	
2	Egg shell powder supplement with vermicompost	Vermicompost is rich in NKP (nitrogen 2-3%, potassium 1.85-2.25% and phosphorous 1.55-2.25%), micronutrients, beneficial soil microbes and also contain plant growth hormones and enzymes. The eggshell calcium rich powder is a good source of substrate for vermicompost, reproduction and survival of worm and increases the immunity of plants.	



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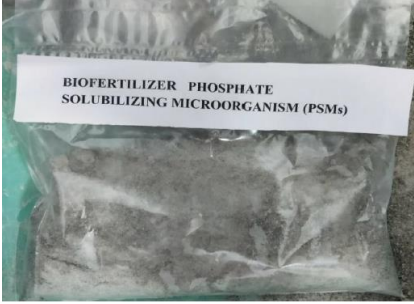


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3	Macro nutrients mobilizer	Nitrogen, phosphorous, magnesium & potassium are some of the most important macronutrients. Carbon, hydrogen & oxygen are also considered macronutrients as they are required in large quantities to build the larger organic molecules of the cell.	
4	Eggshell powder	It is rich in calcium, protein, minerals, magnesium, fluoride, selenium and strontium. It provides nutrition to the plants and boosts up the plant growth. It moderates plant diseases and helps plants to grow faster and healthier. It is an organic fertilizer.	
5	Micro nutrients mobilizer	Micronutrients are essential plant nutrients that are found in trace amount. It is essential to have micronutrient else product productivity.	
6	Bacillus	Is used to control root rot diseases in pulses and oilseeds	



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7	Nitrogen mobilizer	It fixes nitrogen in plants	
8	Plant growth NPK boosters	It promotes plant growth	
9	Studies on cardamon field Product type: solid and liquid Product name: pf2	It improves soil quality. It controls rice blast	
10	Production of biofertilizer by isolation of Phosphate solubilizing micro-organisms from soil	It performs a necessary function in plant life in many physiological things to do such as cell division, photosynthesis, and improvement of good root system and utilization of carbohydrate	

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11	Production of biofertilizer by isolation of <i>rhizobium</i> species from groundnut plant using beads method	Increased non-legume production in present agriculture system	
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Head of the Department/Food Tech

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