

About REVY

REVY has proven competency in transforming waste into re-usable resources. The company aims to provide solutions in field of Waste Management by improvising conventional Bio-Methanation process and to produce Bio-Energy from wastes. The company has earned credentials for treating various hard effluents like petroleum, chemical, dyes etc. through anaerobic process and has also developed tailor made Bio-Cultures for Aerobic and Anaerobic waste processing units.

Product Information



REVY Environmental Solutions
Committed for a Greener Earth!

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Product Details

Biological wastewater treatment harnesses the action of bacteria and other microorganisms to clean water. Implementing optimized Waste Water Treatment Technology is what **REVY** is currently working on.

REVY has developed a process for development of 'Anaerobic Granulated Sludge', 'Aerobic Biomass' as well as 'Biomass Growth Enhancement Formulations (BGEF)' for Both Anaerobic as well as Aerobic processes.

Our **Seed Biomass** will support faster start of aerobic / anaerobic reactor as well as quick solution for any ailing unit. Our Granulated Sludge can withstand higher loading rate. It has a capability to reduce higher COD/BOD load while giving better biogas yield in comparison to flocculent systems.

BGEFs have been developed keeping in view the nutritional requirement of the biomass to remain healthy and active (through continuous enhancement of MLVSS). These formulations have been researched to provide desired result in the lowest possible dosage.



PRODUCT LIST	DESCRIPTION	AERATION TANK	ANAEROBIC DIGESTOR	ANAEROBIC UASB TYPE	PACK SIZE
Biomass Seed Cultures					
REVY ANB - Flocculant	Flocculant Biomass Seed (Anaerobic)		✓		10 L
REVY AER - Flocculant	Flocculant Biomass Seed (Aerobic)	✓			10 L
REVY S - Granulated	Granulated Biomass (Anaerobic)			✓	10 L
Biomass Growth Enhancement Formulations (BGEF)*					
REVY CMB	Nutrient For Aerobic Biomass Growth	✓			500 Gm
REVY BGA	Anaerobic Biomass Growth Activator		✓	✓	200 Gm
REVY BGE	Anaerobic Biomass Growth Enhancer		✓	✓	50 Gm
REVY BGS	Anaerobic Biomass Growth Stabiliser		✓	✓	250 Gm

* To be Diluted in 100 L

Frequently Asked Questions

• What is the Dosing Requirement for BGEFs?

Recommended Dosage is 0.1L / M3 feed at COD concentration of 500 – 1000 mg/L. Minimum 3 months of daily dosing is recommended at commissioning stage. Thereafter, dosing volume and frequency should be adjusted depending upon effluent characteristic, reactor performance and daily flow. Case specific dosage will be advised by REVY.

• Where all these product can be used?

The Products are suitable for Municipal STPs, Industrial ETPs as well as Consumer's Waste Water Treatment units (e.g. Hotels, Hostels, Malls, Hospitals, Housing Societies etc.)

• How much time may be required to actually implement your solution?

It depends upon the quality & quantity of waste water being generated. In general, our products performance will be visible between 3 – 6 months of product usage. We recommend periodic sustenance dosage to continue for sustainable and consistent performance of the biological units at any type of waste water treatment plant.