

ORGANIC WASTE DIGESTERS Odor Control and Bio-acceleration

BIOLOGIC™ SR2

THE CHALLENGE

Odor control and improved biogas production.

OUR SOLUTION

The addition of BIOLOGIC™ SR2 to an anaerobic digester has been proven to significantly increase the biogas production, increase performance and reduce odors by reducing the generation of H₂S.

OUR PRODUCT

BIOLOGIC™ SR2 is a micronutrient supplement containing a proprietary blend of natural biodegradable vitamins and trace mineral specifically engineered to stimulate desirable, naturally occurring bacteria present in anaerobic biogas digesters.

THE TREATMENT

Employing BIOLOGIC™ SR2 in your anaerobic digester will increase biogas production by 25% and increase the organic capacity of the reactor to further increase biogas production.

Under typical bio-waste treatment conditions, the absence of these micronutrients are frequently the limiting factor for the growth and activity of bacteria. With the addition of BIOLOGIC™ SR2 the biological pathways are no longer inhibited and as a result, biological activity and metabolism is substantially increased resulting in accelerated breakdown of organic solids, fats, oils and greases.

APPLICATION PROTOCOL

BIOLOGIC™ SR2 is added to the digester feed line at dosages recommended by SciCorp application specialists.

TYPICAL RESULTS

INCREASES PLANT CAPACITY

- Increases organic load and biogas flow
- Increases digester capacity
- Increases microbial activity

ELIMINATES ODOR

- Reduces hydrogen sulfide (H₂S)
- Reduces ammonia

IMPROVES DIGESTER PERFORMANCE

- Reduces solids volume for dewatering
- Higher content of solids after dewatering
- Increases gas production up to 25%

REDUCES COST

- Improves gas revenues from digester
- Generates electricity/steam from co-generation facilities
- Extends plant life by reducing corrosion

SCICORP INTERNATIONAL CORP.



BIOLOGIC™ SR2

- Limited Capital Cost for Treatment
- No Special Handling or Application Restrictions
- Eco-Friendly
- Long Shelf Life

NO Masking Agents
NO Bacteria
NO Enzymes
NO Toxic Chemicals



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