

BIO-STAR™ MD+

Organic sludge digester

Bio-STAR™ MD+ tablets is a bio-enzymatic product, denser than water, designed specially to sink and degrade organic waste and muck in natural ponds and wastewater treatment plants. Its enriched formula accelerates and improves the degradation of organic matter and is also efficient in reducing suspended solids and bad odors.

The unique formula of **Bio-STAR™ MD+** allows it to rapidly sink in the mud instead of remaining in the water column. The pellets disintegrate slowly and gradually release its consortium of purifying bacteria, bio-stimulants (vitamins and amino acids) and barley straw, also activating the indigenous community. Bacteria that make up this highly specialized consortium have been selected for their complementarities and their digestive capacities to degrade organic waste. Their performance is also remarkable in both aerobic and anaerobic environment.



BENEFITS:

- Biodegrades accumulated organic matter
- Consume nutrients
- Clarifies pond and lake water
- Reduces ammonia and eliminates bad organic odours
- Re-establishes a natural and healthy aquatic ecosystem
- Prevents and reduces algae formation

APPLICATIONS:

- Water Gardens
- Lake and ponds
- Aquaculture
- Wastewater treatment plant and septic tank

CHARACTERISTICS:

- Contains spore forming bacteria efficient in aerobic and facultative anaerobic environment.
- Fast germination and superior bacterial growth.
- Contains bio-stimulants that increase cell metabolism
- High capacity of extra-cellular enzymes production.

Bacterial count	5 x 10 ⁹ cfu/gram
Bacteria Type	Consortium de Bacillus
Biological pathways	Aerobic, and facultative anaerobic
Enzyme production	Lipase, protease, amylase, cellulase
Pathogenic bacteria	Salmonella/Shigella free
pH range	5.0- 10.0
Temperature range	6°C - 45°C
Appearance	Brown pellets
Stability	2 years (2° - 35°C)

APPLICATION

Manually or mechanically “toss in” the pellets as evenly as possible on the surface of the water. Apply 25 lb per surface acre monthly. Consult our specialists for custom dosage.

STORAGE AND HANDLING

Store in a dry and cool place. protect from freezing. Avoid eye and skin contact. Wash hands after each use. All components are registered of DSL of Environment Canada.