Optimize all aspects of solid waste management and waste-to-energy systems.

Eliminate Noxious Odors • Accelerate Aerobic Biological Activity
Ecological Animal Care Creates Higher Profits • Generate Higher Quality Compost and Bio-Solids
Optimize the Production of Methane Yields

**Breakthrough Bio-Catalyst Technology**

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### ODOR

**Odor Control Management**
- Neutralize Odors on Contact
- Enhance Aerobic Biological Conditions
- Very Cost Effective

BOC based VOC odor management systems provide the world’s highest performance standards in eliminating noxious odors and hazardous VOCs. BOC based systems are the next generation green chemistry, both exceptionally safe to use and able to provide accelerated bio-remediation of the toxic biological conditions which produce odors.

**Benefits Include:**
- Extremely cost effective due to the ability to be delivered through water based spray systems at high dilution levels.
- Simple, flexible, and immediately effective upon contact.
- Neutralizes ammonia, hydrogen sulfide and hydrocarbon type noxious VOC compounds in solid waste, organic composting, and sludge treatment.

### COMPOSTING

**Optimizing Aerobic Systems**
- Accelerate Composting Rates
- Improve Compost Quality
- Improve Cash Flows

BOC provides exceptional values to any composting operation. When sprayed onto a compost pile, it will instantly neutralize noxious odors. In addition to neutralizing odors on contact, aerobic conditions throughout the compost pile will be enhanced, leading to greatly improved composted materials, and faster conversion rates.

Atmospheric misting is also extremely effective, and provides much improved odor neutralization than any competing product, at a very competitive price.

Our unparalleled performance in odor neutralization, especially ammonia VOC, leading to greatly improved health to animals, reduction in death and sickness, and increased weight gains.

**Benefits Include:**
- Instant neutralization of odors on contact.
- Improved quality of compost.
- Higher turnover of compost.

### ANAEROBIC DIGESTION

**Optimizing Anaerobic Systems**
- Increase Bio-Gas Yield
- Improve Bio-Solids' Quality
- Manage Food Waste & FOGs

BOC will facilitate a more optimized conversion of the waste stream during the anaerobic digestion process through solubilizing the waste components.

BOC offers substantial improvement in anaerobic digestion, 1) providing higher yields of bio-methane, 2) improved sludge quality, 3) reduction of total solids, and 4) significant reduction of noxious sludge odors.

Sludge quality is enhanced due to more complete digestion, sludge odors are greatly reduced, including odors in dewatering operations.

**Benefits Include:**
- Improves the destruction of Volatile Solids (VS).
- Facilitates the breakdown of fats, oils, and greases (FOGs).
- Enhances digester gas transfer enabling more efficient biological activity throughout the entire digester biomass.
All Bio-Organic Catalyst products are produced in the United State and must meet the highest standards of quality.

bio-organic.com