

# BIONETIX® INTERNATIONAL FOOD INDUSTRY SOLUTIONS



ISO: 9001 Certified  
Quality System Registered

**Bionetix**  
INTERNATIONAL  
*A Subsidiary of Cortec® Corporation*



# SAY GOODBYE TO BOD, BAD ODORS, AND BLOCKED DRAINS



*Biochemical Oxygen Demand (BOD) is a huge problem for the small and large scale food industry, resulting in high waste treatment fees and bad odors. Unfortunately, the heavy use of disinfectants to kill harmful bacteria and keep food processes clean simultaneously destroys good bacteria. This robs facilities of biological mechanisms that would otherwise aid the natural waste digestion process of food wastes in trouble spots such as grease traps, drains, lagoons, and aerotanks during water and solid waste treatment.*

*Bionetix® breaks this vicious cycle by introducing positive bacteria and nutrient stimulation to replenish healthy microorganisms in the natural waste treatment process. These biological treatments decrease BOD levels, therefore enhancing effluent water quality, reducing odors and grease build up, and improving the flow of clogged drains for more efficient and lower cost waste treatment.*

## NATURAL TREATMENT SOLUTIONS FROM BIONETIX® INTERNATIONAL



*Bionetix® International produces biological waste treatment and cleaning products that are used in thousands of field applications worldwide.*

*Since 1996, Bionetix® International has supplied natural biological products that degrade target substances such as fats, oils, greases, proteins, and starches used in food processing.*

*Bionetix® relies on bacterial and enzyme supplementation to enhance the bioremediation of waste systems, the natural power of cleaners, and the health of livestock.*

*Our products are used in the food processing industry for full scale wastewater, compost, and manure treatment—and on a smaller scale for drain maintenance, grease trap maintenance, and general cleaning in institutional and commercial facilities.*

# HARNESSING THE POWER OF NATURE



*Bionetix® biological digestants are composed of 100% naturally occurring, non-pathogenic microorganisms that have been specifically selected for their abilities to degrade target substances.*

*Bionetix® formulations use these all-natural microorganisms to break down organic pollutants - without the use of chemicals and further damage to the environment. Bionetix® bacteria are safe. None of the organisms found in our products are genetically engineered or pathogenic for animals, plants, or humans.*

## PRODUCTS

### INDUSTRIAL APPLICATIONS

#### Wastewater treatment

**BCP22™** loosens and liquefies heavy grease deposits by accelerating the biological degradation of wastewaters containing high levels of fats, oils, and greases (FOG).

**BCP25™** contains a blend of aerobic and facultative anaerobic bacteria for the bioaugmentation of dairy waste. BCP25 improves effluent quality, reduces grease build-up, controls filaments, and lowers odors and foam.

**BCP54™** for fish farm bioaugmentation contains strains of bacteria that improve effluent quality; increase fish and shrimp farm yield; and reduce sludge, odors, ammonia, and other toxins.

**BCP55™** contains a special bacterial blend that degrades starch, reducing unpleasant odors and BOD/TSS concentrations while increasing wastewater treatment efficiency.

**BCP56™** provides greater resistance to the organic inhibitors present in fruit, vegetable, and wine processing. It helps reduce grease build-up, control filaments, improve effluent quality, and decrease odors.

**BCP655™** bioconverter for industrial and municipal lagoons consumes inorganic nitrogen such as ammonia, nitrate, and nitrite in municipal and industrial treatment plants.

#### Solid waste treatment

**BCP80™** enhances and accelerates the biological digestion of animal wastes (i.e., manure). It is proven effective in helping to reduce odors and sludge accumulations.

**BCP85™** is a blend of bacteria, yeast, enzymes, and nutrients that will naturally accelerate the breakdown of household and agricultural organic wastes in composting processes.

**STIMULUS™** is a bio-stimulant and odor controller to inhibit the activity of the enzyme urease, which converts nitrogen and urea to ammonia in wastewater bio-solids.

### INSTITUTIONAL/ COMMERCIAL APPLICATIONS

#### Grease trap and drain treatment

**BIOBLOC22™** contains specialty penetrants and surfactants that loosen and liquefy heavy grease deposits in grease traps, thereby assisting in their biodegradation and saving on grease disposal costs.

**GTC3X™** is formulated with micronutrients and highly adapted microorganisms to increase the efficiency of grease trap systems and reduce blockages and bad odors in drains.

**ECO-DRAIN™** contains microorganisms capable of degrading a wide range of animal and vegetable oils to reduce the accumulation of grease in sumps, drains, and traps.

**ECO-SEPT™** improves the microbial action in septic systems, reduces pumping frequency, prevents drain blockage, and extends drain area life.

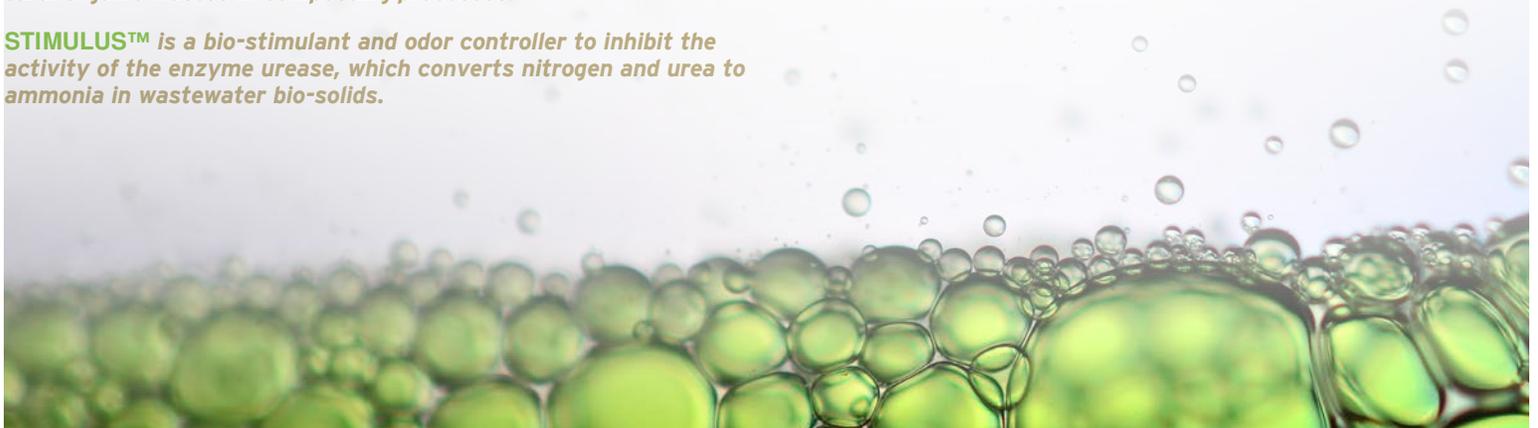
**ECO-TRAP™** contains specialty penetrants and surfactants that loosen and liquefy heavy grease deposits, thereby aiding their degradation in grease traps.

#### Cleaners

**ECO-VENT™** is recommended for efficient biodegradation of fat, grease, and oil accumulations in self-cleaning hood ducts.

**ECO-CLEAN-ALL™** is a powerful biological cleaner that digests grease, oil, protein, fat, starch, and other solid organic wastes from floors and walls to maintain a clean, odor-free facility.

**ECO-NU-CLEAN™** all-purpose cleaner concentrate is designed to remove embedded soils quickly from floors and walls without any residue, leaving the surface sparkling clean.



# TO FIND OUT MORE ABOUT BIONETIX® BIOLOGICALS



*Bionetix® International*  
*Technical Service / Orders:*  
*514 457.2914*  
*Fax Orders: 514 457.3589*  
*21 040 rue Daoust,*  
*Ste-Anne-de-Bellevue, Quebec*  
*H9X 4C7*

*Enquiries: [info@bionetix.ca](mailto:info@bionetix.ca)*  
*[www.bionetix-international.com](http://www.bionetix-international.com)*

*Global Distributors!*

## WHAT BIONETIX® CUSTOMERS SAY...

***BIONETIX®** promotes effective operation of our new sewer effluent treatment system, the disposal of excreta of a dairy, food residual substance decomposition. All these decomposition methods are the result of self-purification by microbes and natural enzymes.*

*Teuyoshi Takiyama*  
*Dept. of Global Environmental Science*  
*Far East International Inc. Japan*