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Attention: Editor

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PRESS RELEASE



Bionetix® International Helps Food Industry Say Goodbye Naturally to BOD, Bad Odors, and Blocked Drains!

Bionetix® International has released a helpful brochure on natural waste treatment solutions for the food industry! The brochure highlights some of the major problems the food industry experiences with Biochemical Oxygen Demand (BOD); Fats, Oils, and Greases (FOG) accumulation; bad odors; and blocked drains.

These problems and their consequent high costs come from systems overload and are augmented by the heavy use of disinfectants that destroy both positive and harmful bacteria in the effort to keep food processes clean. Use of chemicals toxic to





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 food 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.

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clogged drains for more efficient and lower cost waste treatment.

Bionetix® relies on bacterial and enzyme supplementation to enhance the bioremediation of waste systems and the natural power of cleaners. None of the organisms found in Bionetix® products are genetically engineered or pathogenic for animals, plants, or humans.

Bionetix® products can be 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. The brochure presents these natural treatment options by category.

Industrial Applications

Natural **wastewater treatment** products include treatments for accelerated degradation of FOGs, improved effluent quality, reduced BOD/TSS (total suspended solids) concentrations, and other helpful functions. **Solid waste treatment** products aid natural

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.

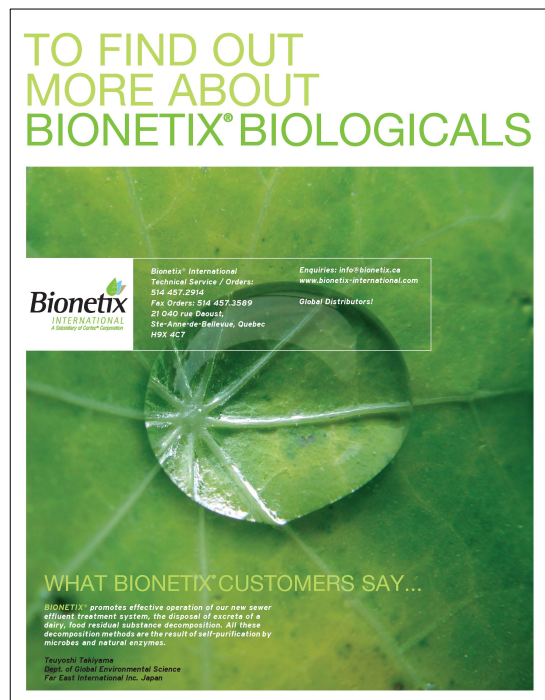
Bionetix® formulations use these all-natural microorganisms to break down organic pollutants—without the use of chemicals and further damage to the environment. Bionetix® bacteria are safe. None of the organisms found in our products are genetically engineered or pathogenic for animals, plants, or humans.

PRODUCTS

INDUSTRIAL APPLICATIONS	INSTITUTIONAL/COMMERCIAL APPLICATIONS
Wastewater treatment BCP22™ loosens and liquefies heavy grease deposits by accelerating the biological degradation of wastewaters containing high levels of fats, oils, and grease (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. BCP64™ 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. BCP65™ contains a special bacterial blend that degrades starch, reducing unpleasant odors and BOD/TSS concentrations while increasing wastewater treatment efficiency. BCP66™ 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 BCP60™ enhances and accelerates the biological digestion of animal wastes (i.e., manure). It is proven effective in helping to reduce odors and sludge accumulations. BCP65™ 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.	Grease trap and drain treatment BIOBLOC2™ 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.



digestion of animal wastes (i.e., manure), accelerate composting, inhibit ammonia production, and reduce odors by digesting volatile compounds.



Institutional/Commercial Applications

On the institutional and commercial side, Bionetix® supplies various **grease trap and drain treatment** products that use specialty penetrants, surfactants, micronutrients, and microorganisms to loosen grease deposits and reduce drain blockage. Several Bionetix® **cleaners** provide options for cleaning floors, walls, and self-cleaning hood ducts. These biological cleaners provide ways to degrade grease, quickly remove embedded soils, and digest other solid organic wastes for maintenance of a clean and odor-free facility.

Waste treatment, drain maintenance, and cleaning are all major challenges for the food industry, intensified by the heavy use of disinfectants that destroy helpful bacteria along with the bad. By harnessing the power of nature, Bionetix® International introduces positive biological mechanisms back into the food processing environment, making it much easier to deal with the inconvenient problems of BODs, bad odors, blocked drains, and unwelcome waste treatment costs.

To read the full brochure, please visit the following link:

http://www.bionetix-international.com/products/brochure/Bionetix_Food_Brochure.pdf

To learn more about Bionetix® innovative products, please visit:

<http://www.bionetix-international.com/>

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Bionetix® International produces biological waste treatment products that are used in thousands of field applications worldwide. The Biological Series of products—among the earliest products introduced by Bionetix Canada – can be found in countless food preparation and processing locations in the United States, Europe, South America, and Asia. Numerous municipalities around the world have accepted these products. Headquartered in Quebec, Canada; Bionetix International is a subsidiary of Cortec® Corporation. ISO 9001:2000 Certified.

Cortec® Corporation is the global leader in innovative, environmentally responsible VpCI® and MCI® corrosion control technologies for Packaging, Metalworking, Construction, Electronics, Water Treatment, Oil & Gas, and other industries. Our relentless dedication to sustainability, quality, service, and support is unmatched in the industry. Headquartered in St. Paul, Minnesota, Cortec® manufactures over 400 products distributed worldwide. ISO 9001, ISO 14001:2004, & ISO 17025 Certified.