



Bionetix Newsletter

June, 2013

New Technical Sales Manager: Diana Di Marco

We are pleased to announce the appointment of Diana Di Marco as Technical Sales Manager for Bionetix International. Diana holds a BSc with Honors in Biochemistry from Concordia University and a Master's degree in Chemical Engineering from École Polytechnique in Montreal, focusing on biological wastewater treatment and soil remediation. Diana's professional career includes 8 years of experience divided among laboratory and full scale research studies touching various areas of environmental issues. She has been with Bionetix for 2 years, providing technical support and customer service. Her experience in this field will allow her to be an excellent resource and a valuable addition to the Bionetix sales team. Her commitment and efforts to meet the needs of our customers ensures that they get the very best value for their money. Diana has already started communicating with some of you and looks forward to getting in touch with everyone dealing with the Bionetix product line.

"I am pleased to join the sales force in a company that is making a difference in the world by offering alternative strategies with naturally occurring microorganisms to replace harsh chemicals. There are so many challenges ahead, and I am glad to face them with such an amazing supportive team."

Diana Di Marco will be located at Bionetix International's office in Montreal, Canada, and can be reached at (514) 457-2914 * 577 or ddmarco@bionetix.ca.



Improved Bionetix Website

***New* International section**

Take a few moments to visit the Bionetix Website www.bionetix-international.com. On it you will find an international section including our product data sheets in Croatian. Soon to be added are our Product Data Sheets in Spanish and in Chinese.

***New* Sample Order Form**

A sample request form is now available in our Products sections. The form includes our current product list. Simply complete the form to receive free samples up to 250g for powders or 500mL for liquids. We will contact you to ensure you are receiving the correct products for your applications.

Be sure to return often to see updates on new products and how we can assist you!



New Sales Representative in Europe: Sonja Kovač

Bionetix is pleased to announce the hiring of a seasoned Sales Representative, Sonja Kovač, to complement our team. Sonja holds a B.A. in Government and International Relations from George Mason University in Washington D.C. Prior to moving back to Croatia, she worked for the American Chemistry Council (ACC), the leading national trade association located in Washington D.C. that represents the largest chemical companies such as Dow Chemical, DuPont, and ExxonMobil. Sonja worked on promoting the value of chlorine chemistry and sound public policies on issues including environmental sustainability, energy efficiency, chemical transportation, security, dioxins, and disinfection. Prior to that she spent 3 years working at the Embassy of the Republic of Croatia in Washington D.C. where most of her time was spent answering questions about consular and public affairs.

Sonja has been with Bionetix since February 1, 2013 and immediately started studying our products and meeting clients. We are very excited about the focus and experience that Sonja brings to our team.

Sonja Kovač is located at EcoCortec's office in Beli Manastir, Croatia and can be reached at (031) 495 590 or by email at sonja.kovac@ecocortec.hr.



New Products

Fire Damage Deodorizer:

Chose Fire Damage Deodorizer for your Fire and Smoke Cleanup Needs

Residual odors are often the most persistent traces of a fire disaster and require special attention. Our Fire Damage Deodorizer uses the most effective ingredients to overcome the toughest odors. Regardless of the source of odors or where they are housed, the Fire Damage Deodorizer guarantees a safe and pleasant environment by reduction of odors as a result of this intervention.

After fire clean up use Bionetix Fire damage Deodorizer; a ready to use and highly effective formula blend, to destroy odors from smoke and after-fire compounds in closed areas. It is excellent for use on textiles such as clothing, upholstered furniture, carpets, and draperies. The components in this product include a safe to use encapsulating agent that blocks the odor causing chemicals. In addition, bacteria present in this product help breakdown the odor causing compounds that are stuck inside the textiles. It gets into tight pores where smoke can permeate and become trapped. Odors are permanently eliminated not masked. Fire Damage Deodorizer can also be used to remove soot stains from walls. The bacteria present make this a high performance deodorizer with a fresh sent that lasts without the use of harmful fragrances. Bionetix concentrates these good bacteria to produce the quickest most complete remediation of fire, smoke, and stain damage. This product can be used in homes, hotels, gyms, offices, cars, and restaurants. Fire Damage Deodorizer liquid is a very economical approach to fire and smoke damage remediation. Satisfactory results can be observed without soda/sand blasting which can run upwards of \$20,000. One large home requires approximately 20 gallons of product.



BCP 85 Compost accelerator: Why use a composting accelerator?

Organic materials make up approximately 20-30% of household waste, leading many municipalities to opt for composting programs in addition to recycling to reduce the overall load arriving at landfills. Composting facilities can accommodate large volumes of organic material including fruit and vegetable wastes, grasses, fats, oils, and greases, and many animal byproducts.

Composting is a natural process whose purpose is the decomposition of organic waste material into the form of fine humus. Composting is achieved through the action of micro-organisms such as bacteria and fungi in a ventilated environment.

BCP 85 is a blend of bacteria, yeast, enzymes, and nutrients for the acceleration and optimization of the degradation of household and agricultural organic wastes in composting processes. A number of micro-organisms and nutrients have been selected to formulate this product in order to both enrich the waste material being degraded and to also develop enriched fertilizers in the compost.



Use of BCP 85 will ensure the following:

- *Save time by accelerating the speed of degradation.*
- *Improve microbial growth by providing trace elements that may be lacking.*
- *Optimize the microbial diversity since several groups of microorganisms including mesophilic bacteria, thermophilic bacteria, yeasts, and fungi must take turns to reduce the long carbon chains into smaller molecules.*
- *Ensure the availability of effective microorganisms to degrade complex and recalcitrant organic molecules such as hydrocarbons and inhibitors.*
- *Reduce the amount of waste load by liquefying the solid materials.*
- *Improve quality of biologic fertilizer obtained from composting.*
- *Stabilize the humus while reducing malodorous molecule from finished product.*
- *Enhance quality of agricultural products that will be produced from the natural fertilizers.*

We know that degradation of organic matter during composting depends on several interrelated factors. The diversity of the microbial community and their total amount in the waste material play a key role for the yield of degradation of the organic waste and the quality of fertilizer formed; as well as its stability and odor. The BCP 85 will guaranty a good microbial diversity for better maturation and degradation of the compost and will provide the user with a higher class of fertilizer. The presence of growth factors such as mineral elements and vitamins is another parameter that must be carefully monitored to get good microbial activity. BCP 85 contains mineral elements, amino acids, peptides, and vitamins all necessary for the growth and metabolic activity of a wide variety of microorganisms including bacteria, yeasts, and fungi all essential in the composting processes. Using BCP 85 will provide the elementary element nutrients often missing in organic waste material for proper composting and optimization of humus quality as organic fertilizer.





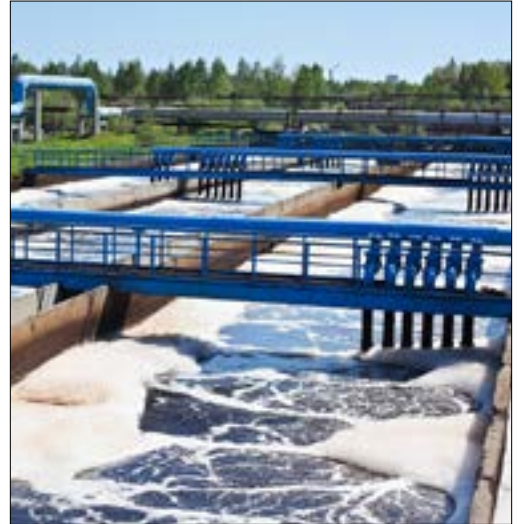
Comming Soon

Dosing and Incubation Equipment:

One of our main commitments is the constant improvement of our services and products. We innovate by constantly adding new features to our products' primary functions and now with this new equipment we can offer you peace of mind and accuracy. We are currently in development of equipment that will allow dosing and incubation of our microbial line for waste treatment and odor control. Incubation will allow the addition of our bacteria in their active form so they can work immediately after addition. Our dispensing equipment offers several features including:

- *Electronically controlled pumps*
- *Modular design*
- *Can meet any flow requirements*
- *Accurate dosing points (ex. inside thick sludge blankets)*
- *Temperature monitoring*
- *Incubation period with nutrient addition*

Ease your mind by automatically adding our bacterial supplements to specific points of waste problems. We invite you to send us your opinions on this development.



Bionetix
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