

Editorial Contact:  
Cortec® Europe Advertising Agency

Ana Juraga  
+ 385 (0) 1 4854 595

[ana.juraga@ecocortec.hr](mailto:ana.juraga@ecocortec.hr)

Company Contact:  
Cortec® Corporation:

Ivana Radic Borsic  
+ 385(0) 31 705 011

[ivana@cortecvci.com](mailto:ivana@cortecvci.com)



### Attention: Editor

January 17, 2014

PRESS RELEASE



## Bacto-Control – Newest Method for Rational and Safe Crop Management!

Bionetix International a wholly owned subsidiary of Cortec® Corporation, in the business of manufacturing microbial based bio-products presents a newest addition to its line of products - Bacto-Control, an environmentally safe, biodegradable alternative to the use of chemical pesticides for crop protection.



**Bacto-Control can be spread on plants without any risk to the environment or humans since the bio-active bacteria and the bio-actives produced are entirely natural and biodegradable**

This water dispersible powder is a proprietary blend of bacteria cultures with high production of bio-active molecules. The bacteria cultures included in this product superiorly protect crops from a broad range of diseases by direct inhibition of pathogens and stimulation of the plant's immune system.

Using beneficial microorganisms, Bacto-Control is the most promising method for more rational and safe crop management practices.

Bacto-Control contains a variety of bacteria cultures that produce a broad spectrum of bioactive molecules belonging to the family of lipopeptides, also called biosurfactants.

The bacteria also promote plant growth by acting as a root colonizer that will protect it from pathogens and then facilitate nutrient absorption. The lipopeptides act on plant pathogens via two major mechanisms: inhibition of the synthesis of their cell wall components and the breakdown of fungi cell walls through the surface-active properties.

In addition, the biosurfactants can also act as spreaders, by facilitating root colonization and as immuno-stimulators, by reinforcing host resistance potential. Bacto-Control is compatible with conventional spray equipment, irrigation delivery systems and aerial application methods.



**Bacto-Control must be diluted before spreading on crops. The product is completely safe and can be spread on plant leaves, stems, fruit, flowers and all other organs without any risk of synthetic pollution**

#### **Application of BactoControl will:**

- Protect the crop from a broad range of pathogens
- Suppress plant diseases by activating internal immune system
- Enhance plant root development by root colonisation and protection from pathogens
- Facilitate nutrient absorption
- Promote green agriculture by eliminating the use of chemical pesticides
- Maintain overall health of rivers, soil and air by improving the quality of agricultural residues and eliminating the dependence on chemical pesticides

Capability of microorganisms to transform pollutants and synthetic chemicals into sources of energy and raw materials for their own growth, proves that expensive chemicals can be replaced with biological processes that are safer, lower in cost, and far more efficient.

**Find more information on Bionetix international website [www.bionetix-international.com](http://www.bionetix-international.com)**

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, 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

Cortec Website: <http://www.cortecvci.com>