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TWO B MONTHLY

The Global Biocontrol & Biostimulants E-Newsletter

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Welcome!

The 2BMonthly Team is delighted to bring our subscribers the latest news in both the biocontrol and the biostimulant industries.

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We wish you good reading!
The 2BMonthly Team

Trending Now

Synthace and Dow AgroSciences LLC enter into research collaboration.
Read more on page 1.

Biolchim signs an agreement with WinField.
Read more on page 1.

Italpollina SpA announces the opening of its new facility.
Read more on page 2.

Marrone Bio Innovations, Inc. announces that the U.S. EPA approved MAJESTENE™.
Read more on page 3.

BioConsortia, Inc. announces that it has been granted a patent for its Advanced Microbial Selection (AMS) process.
Read more on page 3.

Koppert Biological Systems announces its strategy regarding microbial solutions for agriculture.
Read more on page 6.

Ilsa is launching 21 new biostimulants.
Read more on page 6.

Arysta LifeScience announces that José Nobre has been appointed President of Goëmar.
Read more on page 8.

Executives Speak: David Cary, Executive Director of IBMA and Antony Pearce, MD, Managing Director, Real IPM UK
Read more on pages 4-6.

Mergers, Acquisitions and Partnerships

Synthace and Dow AgroSciences LLC announce they have entered into a research collaboration to optimize technology by accelerating development of fermentation-based production of crop protection products. The collaboration includes a multi-seat enterprise license giving Dow AgroSciences access to Synthace's Antha software tools. As part of the agreement, Synthace's advanced tools and software will be used to support development of superior microbial production strains at Dow AgroSciences.

Biolchim has signed an agreement with WinField, an important player in the business of agricultural inputs in the USA, for the distribution of the biostimulants Fylloton®, based on vegetal amino acids and seaweed, and Kriss, based on tryptophane, arginine and plant extracts. The cooperation, which started in 2015, is the result of years of successful agronomic trials on corn, soybean, alfalfa, cotton, wheat and other arable crops that proved the efficacy of the products.

Eden Research plc has signed a Collaboration and License Agreement with Intellectual Ventures' Invention Development Fund, to strengthen and expand Eden's Intellectual Property portfolio while providing Eden with access to IV's world-leading IP-related services and global network of licensing and business development professionals. Under the Agreement, IDF's expertise and global position will help enhance and add value to Eden's IP portfolio and presence in key regions around the world with a particular emphasis on Asian, North American, and South American markets. Eden and IDF will collaborate on the sourcing and development of next-generation technologies for the agricultural, animal health, food ingredients, human health and personal care markets. Eden and IDF will also pursue licensing opportunities from IDF's substantial patent portfolio to support Eden's current and future business.

Plant Health Care markets, recently announced that it has signed its third and fourth agreements with major industry players in the agricultural space regarding the evaluation of its Innatus™ 3G peptide platform. This technology platform enables the design, production and screening of a large pipeline of peptides with diverse biological properties. The peptides can be used for both seed treatment and foliar applications. They can also be combined with conventional crop protection chemicals, making them highly complementary to existing production practices.

Company News

Brandon Products Ltd. announces the launch of its new company branding and website, <http://www.brandonbioscience.com>. The new company logo and brand name, Brandon Bioscience is part of the company's ambitious future development plans which will see a number of new products and initiatives launched over the coming months. The company name, Brandon Products Ltd, remains the same but Brandon will operate under the sub name of Brandon Bioscience. Furthermore the three pillars -Powered by Nature, Proven by Science and Performs in the Field- underpinning Brandon's identity are re-enforced.

Valagro presents the first international Kendal® Nem roadshow including 25 events in four countries, two continents, totaling more than 7,000 km! Developed using exclusive GEA099 technology, Kendal® Nem is a specific biostimulant which, in the soils affected by nematodes, works directly on the plant roots, increasing vegetative growth and root strength resulting in greater productivity in terms of both quality and quantity, even under adverse growth conditions.

Biobest announced the establishment of Biobest UK. By adding direct local presence to its existing distribution network, Biobest will further increase its standard of service in the UK. In a context of consolidation and increasing sophistication in soft fruit and vegetable production - in particular when it comes to greenhouse production - this move addresses the need of larger and more technologically advanced operators for the highest level of technical support. The new UK operation is to be led by UK biological control pioneer Phil Walker, a founder of Biological Crop Protection (BCP).

Italpollina SpA announced the opening of its new production facility for Enzymatic Hydrolysates derived exclusively from vegetal origin. The new state-of-

the-art facility is one of the worlds largest and most advanced for the purpose of producing 100% vegetal protein hydrolysates. It is based on an exclusive and cutting-edge process of Enzymatic hydrolysis of vegetal proteins that gives products rich in amino acids and peptides. With this plant Italpollina has now four different facilities worldwide, each one dedicated to a specific production (organic NPK fertilizers, micro-organisms, vegetal extracts and vegetal hydrolysates).

BASF is strengthening its ability to sustainably meet the growing global demand for biological solutions for agriculture and horticulture with the opening of its expanded Littlehampton, UK production site. At this site, BASF increases its production volumes of beneficial nematodes and inoculants, moving ahead with its strategy to develop solutions beyond conventional crop protection. The expansion will allow BASF to double production capacities for beneficial nematodes. With six different types of beneficial nematodes, BASF offers a unique global portfolio, including the Nemaslug® and Nemasys® products, each with a distinctive mode of action for customers in vegetable, horticulture, and turf.

Humintech has invested six million Euro in the new, highly automated production plant. Humintech manufactures humic acids based products from oxidized lignite to improve soil. The company, which has an annual turnover of six million euros with sales in more than 60 countries, has moved completely to Grevenbroich two years ago. In the production facility the pre-milled brown coal is screened, crushed in mills and then humic acids are extracted with alkali and dried afterwards. Thanks to a recycling no residues remain. The Management has further plans: by 2020 he seeks an annual turnover of 17 million euros.

Biofeed reports that unprecedentedly excellent results have been recorded when summing up pest control season of 2015. These results can be related directly to the implementation of the new attracting bait used in the 'Biofeed-plus 365' system. The important feature of the new attractant is that it attracts the medfly (*Ceratitis capitata*) females from far longer distances, and yet, it does not repel them when getting closer to the posts for feeding on the poisoned attractant. Originally, in 2010, the target was extending the control period of medfly from 100 to 250 days, and cutting by half the necessary number of control posts from 150 to 75 units/ha. Biofeed's president Dr. Nimrod Israely announced that the 5-year R&D program achieved maintenance-free feeding posts that operate for an entire year, and that the system now requires only 10 to 30 units/ha for comprehensive control of the medfly. 'Biofeed-plus 365' has already been tested on hundreds of hectares of various sensitive crops like citrus, peach, nectarine, apple, mango and persimmon, in different horticultural regions of Israel.

Regulatory

BIOCONTROL

The rapid growth of biostimulants has drawn the attention of the EPA and has caused them to evaluate how these products are being regulated. Linda Hollis, Biochemical Branch Chief of the Biopesticides &