

**PRESS RELEASE**

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**Biocontrol development partnership in France and Europe between  
AMOEBEA, PHILAGRO France and NICHINO Europe.**

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*Saint Didier au Mont d'Or, April 2d, 2020*

**PHILAGRO France, NICHINO Europe and AMOEBA** have signed a development contract (MTA: Material Transfer Agreement) to evaluate the performance of the biocontrol fungicide containing AMOEBA's active substance: the amoeba lysate *Willaertia magna C2c Maky*.

PHILAGRO France, a Lyon-based company, is a recognized player in the crop protection market and has been investing for 20 years in the marketing of biocontrol solutions for French agriculture.

NICHINO Europe is the European subsidiary of the Japanese group Nihon Nohyaku, which is strongly involved in crop protection products worldwide.

AMOEBEA is an innovative Lyon-based company, with the ambition to become a major player in the treatment of microbiological risk in water, health care and plant protection sectors. Created in 2010, based in Chassieu (Lyon, France) with a subsidiary in Canada and the United States, Amoéba is listed on compartment C of Euronext Paris.

The purpose of the research and development partnership is the provision by AMOEBA of experimental products containing this patented technology based on *Willaertia magna C2c Maky* amoeba lysate produced in the LYON production plant.

PHILAGRO France and its shareholder NICHINO are highly motivated to heavily invest in the implementation of technical field trials both in France and Europe. Different formulations will be tested to control downy mildew in vines and late blight on potatoes. Each year, these diseases cause significant yield losses.

The Biological Evaluation Centre of PHILAGRO France and NICHINO based next to Orleans and its efficient experimentation network are excellent assets to extract a maximum knowledge and benefits from this biocontrol fungicide.

The partnership between these 3 companies is part of the strategy to develop biocontrol solutions in France and responds to the evolution of agriculture in France and Europe. This partnership has a significant valuation potential for the company and is an essential step towards a possible commercial partnership

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### **About PHILAGRO France**

Philagro is the result of the strategic alliance of 3 Japanese R&D groups: SUMITOMO Chemical Company, NISSAN Chemical Industries and NIHON NOHYAKU Company.

As recognised player in crop protection since 1993, PHILAGRO designs, develops and markets solutions aligned with Society's economic and environmental requirements.

### **A propos de NICHINO Europe**

Nichino Europe Co, Ltd is a wholly owned subsidiary of the Japanese plant protection company Nihon Nohyaku Co, Ltd.

Nichino Europe develops innovative and future-oriented plant protection solutions in Europe and adjacent territories based on active substances from the parent company and third-party suppliers.

### **About AMOEBA**

Amoéba's ambition is to become a major player in the treatment of bacterial risk in the fields of water, healthcare and plant protection. Our biological solution is an alternative to chemical products widely used today. Amoéba is currently focusing on the market of industrial cooling towers estimated at €1.7Bn (1) on a global chemical biocide market for water treatment, evaluated at €21Bn (2) and on the biocontrol market for plant protection estimated globally at €1.6Bn (4). In the future, the Company is looking at developing new applications such as chronic wound care, estimated at € 751 million (3) in the USA. Sales of associated products with healthcare, biocides and crop protection are subject to the Company being granted local regulatory market authorizations. The Company is currently in a trial phase for biocidal and plant protection applications and does not market any products.

Created in 2010, based in Chassieu (Lyon, France) with a subsidiary in Canada and in the United States, Amoéba is quoted on the compartment C of Euronext Paris. The Company is a member of the BPI France Excellence network and is eligible for the PEA-PME SME equity savings plan setup. More information on [www.amoeba-biocide.com](http://www.amoeba-biocide.com).

*(1): Amoéba data combined from sources: DRIRE 2013, Eurostat, ARHIA 2013*

*(2): Sources combined by Amoéba from water treaters, Freedonia, Eurostat et MarketsandMarkets*

*(3): BCC Research, "Markets for Advanced Wound Management Technologies," Wellesley, MA, 2017*

*(4): Biopesticides Worldwide Market 2013, CPL, Wallingford, UK*

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