



NEWS RELEASE

# AMVAC® Announces China Distribution With Plant Health Care®

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NEWPORT BEACH, California | April 16, 2024 — Plant Health Care® (AIM.PHC.L), a leading provider of peptides used by growers to improve crop production and quality within global agricultural markets, is pleased to announce it has signed a distribution agreement (the “Agreement”) with AMVAC®, an American Vanguard Company, to support commercialization of novel fertilizer products in China.

Highlights:

- AMVAC, through its subsidiary in China, will distribute a novel fertilizer product incorporating PHC’s Harpinαβ technology designed for use within vegetable and row crops to promote plant health and yield.
- AMVAC continues to evaluate PHC’s technology within other markets including Australia, Central America, and Brazil as novel products to deliver disease and nematode control in crops such as bananas, potatoes, and soybeans.

The Agreement will support commercial sales of the Harpinαβ technology in combination with a novel AMVAC fertilizer. The first AMVAC product launches to bring widespread availability of the Harpinαβ technology to growers in China will occur in 2024. This novel product will help growers improve crop quality and yield as part of an integrated and environmentally responsible crop production program.

Harpinαβ strengthens the innate immune defense systems common within all plants in a manner similar to vaccinations in humans, with crops responding with improved nutrient use efficiency, tolerance to abiotic stress and ultimately, increased yield, and crop quality. Relative to alternative biological products in the market, Harpinαβ-



based products provide highly consistent product efficacy across a wide range of application and environmental conditions and is compatible with synthetic fertilizers, fungicides, herbicides, and insecticides commonly used within commercial agriculture.

Jeff Tweedy, CEO of Plant Health Care, said: "I am pleased to see our collaboration with AMVAC result in the launch of an innovative, new product in China. There is a tremendous opportunity in China for the adoption of Harpin $\alpha\beta$ -based products to support sustainable agriculture. AMVAC has proven they have the right strategy and the right team in China to drive new product adoption. We are excited about the upcoming launch later this year. In the next few years, I fully expect additional products to emerge from the ongoing collaboration between our companies in China and other high-value markets."

Lawrence Yu, AMVAC Head of Asia-Pacific Region, said: "AMVAC looks forward to increasing our biological product offerings in China through this new partnership with Plant Health Care. We look forward to expanding other distribution opportunities globally, by utilizing AMVAC's strong market access across its global footprint."

Jim Thompson, Director of Business Development for GreenSolutions at AMVAC, added: "The Harpin $\alpha\beta$ -technology is a proven multi-crop solution that complements our GreenSolutions portfolio of biological and specialty nutrition products, which will provide our distribution partners and growers more flexibility and increased ROI.

#### About Plant Health Care

Plant Health Care offers products to improve the health, vigour and yield of major field crops such as corn, soybeans, sugarcane, potatoes, rice, and wheat, as well as specialty crops such as fruits and vegetables. We operate globally through subsidiaries, distributors, and supply agreements with major industry partners. Our innovative, patent-protected biological products help growers to protect their crops from stress and diseases, and to produce higher quality fruit and vegetables, with a favourable environmental profile. Find out more at

**[www.planthealthcare.com](http://www.planthealthcare.com)**

#### About American Vanguard

American Vanguard Corporation is a diversified specialty and agricultural products company American Vanguard Corporation is a diversified specialty and agricultural products company that develops, manufactures, and markets solutions for crop protection and nutrition, turf and ornamentals management, commercial and consumer pest control. Over the past 20 years, through product and business acquisitions, the Company has expanded its operations into 17 countries and now has over 1,000 product registrations in 56 nations worldwide. Its strategy rests on three growth initiatives – i) Core Business (through innovation of conventional products), ii) Green

Solutions (with over 130 biorational products – including fertilizers, microbials, nutritionals and non-conventional products) and iii) Precision Agriculture innovation (including SIMPAS prescriptive application and Ultimus measure/record/verify technologies). American Vanguard is included in the Russell 2000® and Russell 3000® Indexes. To learn more about American Vanguard, please reference the Company's web site at [www.american-vanguard.com](http://www.american-vanguard.com).

Agrinos Shanghai is a business of American Vanguard in China. It operates import, production, and direct distribution in China. Its primary focus is distribution of AMVAC's GreenSolutions product portfolio and using a technical sales model focusing on biological solutions with positive returns to growers. Agrinos China has experienced double-digit growth over the last few years and has expanded its geographical reach into new territories with China. ©2023 All rights reserved. AMVAC Chemical Corporation is a wholly owned subsidiary of American Vanguard Corporation. American Vanguard, AMVAC, BioWake, GreenSolutions, and respective logos are trademarks owned by AMVAC Chemical Corporation.

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