Press release

Biotalys Continues to Demonstrate Strength of First Biocontrol in Latest Global Field Trials

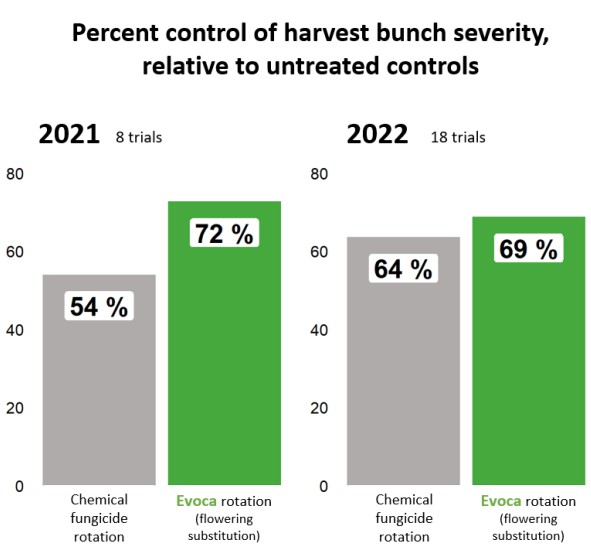
- *In total, 160 field trials were performed in 2022*
- *Trials continue to showcase the efficacy of Biotalys' first protein-based biocontrol Evoca™ across various high-value crops*
- *Following regulatory approval, fruit and vegetable growers will be able to use Evoca as a novel, safe and sustainable crop protection tool*

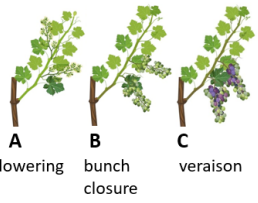
Ghent, BELGIUM – 31 May 2023, 07:00 CEST – Biotalys (Euronext - BTLS), an Agricultural Technology (AgTech) company developing protein-based biocontrol solutions for crop and food protection, today revealed the initial results of its latest field trials for its first biocontrol, Evoca*. Throughout 2022, Biotalys conducted more than 160 in-depth field trials in partnership with industry leaders like Biobest and Beck Ag across a wider variety of crops to support its product positioning in both the European Union and the United States.

As in previous years, the 2022 field trials showed excellent results for the use of Evoca against Botrytis in grapes. Both the original Evoca and an updated formulation consistently met or exceeded a leading chemical fungicide and biological solution against Botrytis – further demonstrating the product's efficacy and reliability in overcoming fungal diseases that can decimate yields if left unchecked.

The figure below shows a comparison between a chemicals-only program and a rotation program under which Evoca is used in grapes at flowering instead of a chemical fungicide.

Evoca™, true replacer for a leading chemical





Chemical fungicides

	Active Ingredient(s)	FRAC
A	cyprodinil + fludioxonil	9 + 12
B	boscalid + pyraclostrobin	7 + 11
C	fenhexamid	17

	A	B	C
Chemical fungicide rotation	9+12	7+11	17
Evoca rotation (flowering substitution)	F10	7+11	17

Botrytis application timings in grapevine: (A) **flowering**, (B) **bunch closure**, (C) **veraison**.

Note: Trials conducted in California, New York and Oregon across diverse climates. Vineyards represent a range of value, premium, and ultra-premium grapes. Boxes in the right-hand panel show FRAC (Fungicide Resistance Action Committee) codes for the reference chemical fungicides and Evoca used in all trials. FRAC codes were rotated per best practices for resistance management. The chemical references used are all rated 5/5 (excellent and consistent) by UC Davis for control of Botrytis on grapevines.

In grapes, Evoca stood out as a true replacer for standard chemical applications during the critical flowering phase in integrated pest management (IPM) programs, protecting against Botrytis across expansive trials throughout the United States and Europe. Vinification trials also continued to show no impact on wine quality and taste with Evoca.

"Our field trial results have proven that Biotalys' first biocontrol product Evoca can bridge the gap between the performance and convenience of chemical solutions and the safety and sustainability profiles of biological solutions for produce growers," commented **Lacey Cole, Biotalys' Head of Business Development and Marketing in the Americas**. "We're working closely with industry leaders like Biobest and Beck Ag to determine the best ways and times to work new, safer, more sustainable crop protection solutions like Evoca into growers' established IPM programs."

Richard Bettison, CEO of Beck Ag, said: "We are excited to collaborate with Biotalys in preparing for the launch of Evoca in the U.S., by enabling execution excellence and maximizing grower benefits from this novel technology. Beck Ag will execute prelaunch activities that ensure the optimal customer experience with Evoca by focusing on gathering insights from trial users, mapping the customer journey, aggregating and assessing customer and performance data, and refining the overall launch plan."

Biotalys also tested Evoca in other high-value fruits and vegetables. Key takeaways by crop type include:

- **Cucumbers** – Across trials in Europe, Evoca demonstrated protection against powdery mildew, comparable to the existing chemical solution and another proven biological solution. While many existing chemical solutions are facing disease resistance, Evoca offers growers a new mode of action and provides a clear benefit as it does not leave chemical residues on the crop.
- **Strawberries –** Evoca performed similarly to other biologicals against Botrytis fruit rot allowing for use of the product in IPM rotations in warm, spring climates. Further field tests are underway to determine the optimal frequency, timing and application rotation to expand to other climate scenarios and regions.
- **Tomatoes –** Despite high disease pressure during trials, adding Evoca to the traditional chemical protection program demonstrated comparable efficacy against powdery mildew to a chemicals-only program. Growers will therefore be able to reduce the chemical residue on tomatoes by adding Evoca to their rotation program.
- **Blueberries –** Biotalys also tested Evoca for the first time in blueberries, a high-value crop for which demand is growing globally. Disease pressure in the field trials was too low to demonstrate efficacy; so, further field trials will be conducted in this crop to test performance.

Luc Maertens, COO of Biotalys, commented: "It is time to embrace a fully integrated approach to sustainable agriculture that takes into account not only which crop protection solutions to use, but also how much, when and on which plants to avoid any negative impact on the surrounding plants or

environment, while securing high yields. Through our comprehensive field trial assessment with Evoca, our first protein-based biofungicide is paving the way for an entire line of next-generation biocontrols that will provide the winning combination of safety and efficacy."

** Evoca™: Pending Registration. This product is not currently registered for sale or use in the United States, the European Union, or elsewhere and is not being offered for sale.*

About Evoca™

Evoca, a novel protein-based biofungicide which earned an entirely new resistance classification by the Fungicide Resistance Action Committee (FRAC), helps control fungal diseases such as Botrytis and powdery mildew in fruits and vegetables. Demonstrating strong performance in field trials across multiple regions, climates, soil types, production types, pathogen pressure and crops to date, Evoca is on track to obtain approval by the U.S. Environmental Protection Agency (EPA) later this year, while EU regulatory approval is expected in 2025. Evoca is the first of many biocontrols in the company's expansive pipeline of product candidates developed on Biotalys' AGROBODY Foundry™ platform. Supplemental videos can also be found here.

About Biotalys

Biotalys is an Agricultural Technology (AgTech) company developing protein-based biocontrol solutions for the protection of crops and food and aiming to provide alternatives to conventional chemical pesticides for a more sustainable and safer food supply. Based on its novel AGROBODY™ technology platform, Biotalys is developing a strong and diverse pipeline of effective product candidates with a favorable safety profile that aim to address key crop pests and diseases across the whole value chain, from soil to plate. Biotalys was founded in 2013 as a spin-off from the VIB (Flanders Institute for Biotechnology) and has been listed on Euronext Brussels since July 2021. The company is based in the biotech cluster in Ghent, Belgium. More information can be found on www.biotalys.com.

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statements made by the company regarding the intended results of its strategy. By their nature, forward-looking statements involve risks and uncertainties, and readers are warned that none of these forward-looking statements offers any guarantee of future performance. Biotalys' actual results may differ materially from those predicted by the forward-looking statements. Biotalys makes no undertaking whatsoever to publish updates or adjustments to these forward-looking statements, unless required to do so by law.