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Novel biostimulant seed treatment to boost wheat yields in Europe

06 March 2023 | News

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A new collaboration between Syngenta Crop Protection and Aphea.Bio will benefit wheat farmers by increasing yields while reducing fertilizer inputs. Aphea.Bio and Syngenta will join forces to build a more sustainable and profitable future for European farmers.

The collaboration aims to accelerate the introduction of a novel biological seed treatment solution across multiple countries in Europe over the next five years, pending regulatory approval. A much-needed technology is now available to farmers seeking to improve the sustainability of their farming operations, and to address challenges arising from an increasingly constrained toolbox of available agricultural technologies as well as evolving consumer demands.

ACTIV by Aphea.BioÂ® is a biostimulant applied as a seed treatment on wheat that is based on beneficial microorganisms. By improving the cropÂ´s nutrient use efficiency, it enables as much as five percent higher yields even with reduced fertilizer use.

â??The collaboration is our extended commitment to bringing novel, nutrient use efficiency solutions to growers, helping safeguard yields if nitrogen inputs are reduced. Combined with our leading conventional seed treatment portfolio, ACTIV by Aphea.BioÂ® will offer a unique value proposition in a fast-changing EU landscapeâ?• explains Jonathan Brown, Head of Global Seedcare at Syngenta Crop Protection.

The ACTIV by Aphea.BioÂ® product represents an additional building block in the strategy to build healthy soils by supporting crops with beneficial microorganisms. In addition, it can contribute to the European Union's Green Deal goal of reducing the use of synthetic fertilizers.