

Sarborg Files New Patent Application Extending Quantum-Enabled PRISM to Field-Deployable Combination Interventions for Sugarcane

WILMINGTON, De – July 20, 2026 -- Sarborg Limited (“**Sarborg**” or the “**Company**”), today announced the filing of a new patent application covering a large set of field-deployable, two-component combination interventions for sugarcane cultivation, generated through the Company's quantum-enabled PRISM platform. The filing builds directly on the connectivity mapping framework disclosed in the Company's earlier PRISM publication, extending it from a discovery engine into a structured, commercially deployable set of claims.

Separately, Sarborg is in active discussions with a number of large South American producers and agriculture companies regarding a proposed collaboration that would represent the first application of quantum computing to agriculture in South America.

The new application organizes its claimed combinations around six distinct application configurations, each representing a specific mode of deploying a two-component intervention on the crop. Each configuration is defined by the growth stage of application, the delivery route, the dose and timing, the agronomic target it addresses. Examples include a low-dose priming treatment applied to the planting material at establishment, a tank-mix added to an existing pre-harvest ripener pass. Within this framework, the Company has identified 606 field-applicable combinations, each assigned to a primary configuration, a secondary configuration where applicable.

The combinations were identified computationally through PRISM's cross-species connectivity mapping engine, powered by Sarborg's quantum computing infrastructure (“**SarborgQ**”), scoped deliberately to deployable inputs: chemistries, biostimulants, elicitors, inoculants, environmental cues. Genetic research tools capable of identifying a mechanism, without themselves being field-applicable, were set aside from this filing. Sarborg intends to run a focused wet-lab pilot during the provisional year, moving the leading candidates from computational prediction toward experimental confirmation.

Importantly, the new filing demonstrates Sarborg's ability to:

- Apply quantum-enabled computation to agrichemical mapping at a scale and speed not achievable through classical computation alone
- Generate hundreds of novel, field-applicable combination candidates from a single quantum-classical computational platform
- Build a growing, defensible patent position around real-world agricultural deployment, not discovery alone

This filing marks a material expansion of Sarborg's intellectual property position in agriculture, reflecting the Company's broader strategy of continuously strengthening its patent estate around each layer of its Signature Intelligence platform, including its quantum computing infrastructure, from the underlying computational engine through to field-ready commercial application.

“PRISM was built to show that signatures act as a universal data language,” said Mark Taylor, Director of Sarborg. “This filing takes that principle further, turning computational prediction into a structured set of claims ready for real-world deployment in the field. Our quantum computing infrastructure is what lets us run this kind of large-scale agrichemical mapping at a speed and depth that would not be possible on classical computation alone, and it is central to how we are now positioning the Company.”

About Sarborg Limited

Sarborg is an agentic AI and quantum computing signature intelligence business, built on the principle that signatures can function as a universal data language to identify, interpret, and generate high-value opportunities across multiple sectors. By analysing, matching, and learning from biological, chemical, and industrial signatures using its agentic AI and quantum computing infrastructure, Sarborg's agents create a continuously evolving network of intelligence-driven insights.

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