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LiveGrow Bio and SÃ¼dzucker to combat SBR disease in Sugar Beets with Advanced Microbial Formulation Technology

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LiveGrow Bio, a leader in microbial formulation and manufacturing solutions, has collaborated with SÃ¼dzucker, Europeâ??s largest sugar producer, to test microbial strains aimed at suppressing the bacteria responsible for Syndrome Basses Richesses (SBR) in sugar beets.

LiveGrow Bioâ??s patented microbial formulation technology allows SÃ¼dzucker to use microbes already formulated into a product for their upcoming greenhouse trials this fall. This ensures the data generated will match the final productâ??s performance capability, significantly shortening the R&D process by bypassing the need for post-trial formulation development. If the greenhouse results are positive, field trials are planned for 2025, moving SÃ¼dzucker closer to commercialization faster than traditional product development methods.

â??Our goal is to save companies years of re-formulation work by providing them with ready-to-use microbial products that are tailored for trials and commercialization from the start,â• said Andrey Pinchuk, CEO of LiveGrow Bio. â??This collaboration with SÃ¼dzucker highlights how we can accelerate R&D while positioning ourselves as a long-term manufacturing partner. Once a microbial product is ready for market, we can provide cost-effective manufacturing solutions, saving companies up to 95% compared to what it would cost them to produce non-spore-forming microbes using existing fermentation and formulation methods.â•

Additionally, LiveGrow Bio's technology can produce superior shelf life of over two years at room temperature, with microbial concentrations of no less than 10^7 cfu/g. By doing so, products can be distributed through existing crop protection sales channels, which typically require products to be stable at room temperature for two years.

By offering a full range of services, LiveGrow Bio aims to become the go-to manufacturing partner for microbial R&D companies - from accelerating initial R&D with robust formulations to cost-effective toll manufacturing. By partnering with us, R&D companies can focus on innovation while we handle formulation and manufacturing, making their products reach market faster and more efficiently.

Sugar beet growers could benefit from SÃ¼dzucker Agricultural Research through collaboration. Innovative, cost-effective microbial solutions would be provided through the partnership success.