

MustGrow unveils Soil Amendment and Biofertility Programs

21 April 2023 | News

Plant-based programs to focus on soil and microbiome health, nutrient and water use efficiencies, and plant yields for Sustainable Agriculture



Plant-based programs to focus on soil and microbiome health, nutrient and water use efficiencies, and plant yields for Sustainable Agriculture

MustGrow Biologics Corp., an global agriculture biotech company developing organic Biocontrol has extended its capabilities to capitalize on sustainable agriculture opportunities in the “Soil Amendment” and “Biofertility” marketplaces. MustGrow’s Soil Amendment and Biofertility development programs will focus on soil and soil microbiome health, nutrient and water use efficiencies, and plant yields.

Throughout 2022, MustGrow engaged in extensive market research, formulation activities, and prospective partnership discussions, and has now added Soil Amendment and Biofertility programs to its growing list of global target applications, which now covers: preplant soil fumigation (under the brand name TerraMG™), postharvest food preservation and bioherbicide (together “Biocontrol”), and now *Soil Amendment* and *Biofertility applications*.

Currently under development with four global partners: Janssen PMP, Bayer, Sumitomo Corporation, and NexusBioAg, MustGrow believes the Soil Amendment and Biofertility initiative will complement its existing Biocontrol programs in soil fumigation, postharvest food preservation, and bioherbicide. A key goal of partnership programs in 2023 will be to expand their scope and investments globally. Commercial and strategic advancements will be pivotal in certain regions and crops.

Plant-based technologies are being developed by MustGrow to improve soil health as well as the surrounding ecosystem. As a soil conditioner in mixable form, TerraSante™ contain nutritious plant proteins and carbohydrates that feed soil microbes, improving beneficial microbial activity and ensuring long-term soil health. Increasing nutrient availability can increase plant vigor and yields, while reducing plant stress. TerraSante™ improves crop nutrient uptake and, therefore, crop performance. No additives or preservatives are used during manufacturing.

Initially, MustGrow will pursue TerraSante™ registrations in North America for Soil Amendment applications, followed by formulations and brands for Biofertility applications. Plant-based extracts from mustard and possibly other sources will be

used in the Soil Amendment and Biofertility products.

Weighing fertilizer reduction targets against the need to increase farm production, farm profitability, economic growth and global food security points to sustainable Soil Amendment and Biofertility innovation and development as a key agriculture solution.