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ProGro BIO introduces organic biocontrol product targeting plant fungal pathogens, nematodes and foliar insects

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ProGro BIO, a leader in microbial-based agricultural solutions, has announced plans to seek U.S. Environmental Protection Agency (EPA) approval for a new suite of organic, all-natural biocontrol products. The proposed formulations will be designed to target and control crop-damaging soil and foliar fungal pathogens, parasitic nematodes, and foliar insects - some of the most persistent threats to global crop production.

ProGro BIO's envisioned biocontrol formulations are grounded in years of R&D focused on harnessing microbial combinations that can naturally suppress pests and pathogens through their metabolic by-products.

"Our research has revealed promising modes of action driven by secondary metabolitesâ??particularly polypeptides and polyphenolsâ??produced by certain microbial blends," said Dr.Â Robert Bruck, Chief Scientist at ProGro BIO. "These compounds, naturally secreted during microbial metabolic activity, have demonstrated strong potential in field trials to disrupt the lifecyles and reproductive cycles of damaging soil and foliar pathogens, nematodes, and insects."

ProGro BIO's flagship product, Rhizol, has recently been certified organic by OMRI, making it one of the most concentrated and effective soil inoculants available today. Rhizol was launched in late 2024. Its fully soluble dry formulation, containing 35 microbial isolates, is particularly well-suited for large-scale agricultural use. Extensive field trials conducted in 2023 and 2024â??spanning tens of thousands of acres and involving hundreds of growersâ??demonstrated Rhizol's ability to promote root development, boost biomass, improve nutrient uptake, and significantly increase yields across a wide range of crops.