AUTOMATION IN CULTIVATION OF MICROGREENS

ABSTRACT: The automation of cultivation in microgreens involves the implementation of advanced technological systems to optimize the growth and management of microgreen crops. By utilizing automated processes, such as robotic seed sowing, precise nutrient delivery, controlled lighting, and climate regulation, the cultivation of microgreens can be streamlined and made more efficient. Automation enables continuous monitoring and adjustment of environmental factors, ensuring optimal conditions for growth and development. Furthermore, automated harvesting and packaging systems enhance productivity and reduce labor-intensive tasks. Ultimately, the automation of cultivation in microgreens improves consistency, quality, and yield, making it a promising approach for commercial production and meeting the increasing demand for these nutritious and flavorful greens.

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