

SUCCESS STORIES OF STARTUPS

Under DST NIDHI TBI Scheme-SHITIJ

SAPTKRISHI SCIENTIFIC PVT. LTD

Founder/s: Mr. NIKKY KUMAR JHA & RASHMI JHA, Managing Director

Focus Area: Mechanization of Farming & Allied Activities

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Location: SaptKrishi Scientific Pvt. Ltd. 108D, SIIC Extension, IIT Kanpur, Kanpur, UP, 208016

Year of Startup Incorporation: 20 March 2019



The SaptKrishi addresses the 40% annual wastage of horticultural produce, valued at \$8.3 billion, caused by poor storage, transportation, and supply chain inefficiencies. Smallholder farmers face water loss, weight reduction, and spoilage during daily commutes to markets.

To solve this, Sabjikothi/Preservator, a portable, cost-effective, and wheel-mountable storage solution, extends shelf life from 3 to 30 days using non-chemical, non-refrigerated green technology. It creates a high-humidity, ionized air (plasma) chamber that delays ripening and spoilage.

Impact: Deployed to ICICI Foundation, WWF India, and Changlang VC Office, benefiting 100+ farmers and 60+ women vendors through Care India.

End Users: Farmers, vendors, transporters, CSR organizations, FPOs, and agri-food distributors



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07 Products
in Market

*700 Units have been sold
in market



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100+ Farmers



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Rs. 75 Lakh

* as provided by the startup [Data Year 2023-2024]