

About Us

Saptkrishi Scientific Pvt Ltd is an agri-tech startup committed to solve the problem of perishability of horticultural commodities.

We are focused on development of , affordable, available and accessible storage and transportation solution directly to individual farmers, cooperatives, and traders to ensure better post-harvest outcomes.

We also provide advisory, support on agri-processing and market linkages to farmers and traders engaged with horticulture.

Incubated at -Agri-Business Incubator, SKUAST-Jammu Under RKVY-RAFTAAR Project of Ministry of Agriculture and Farmers' Welfare, Govt. of India.

We are receiving technical support from IIT-Patna and receiving accelerated support from IIT Kanpur.

Awards & Recognition



Our Supporters



Sabjikothi

A storage to extends the shelf-life and preserve the freshness of fruits and vegetables.



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Contact Us



- +91- 8381805905
- www.saptkrishi.com
- saptkrishi@gmail.com
- Reg Office** Hou No. 172, Naya Tola Dudhela Noorpur, Nathnagar, BHAGALPUR Patna BR 812004 IN
- Branch Office** Saptkrishi Scientific Pvt. Ltd. 108D, SIIC Extension, IIT Kanpur, Kanpur, UP, 208016

What is Sabjikothi?

A microclimate based affordable storage to extend the shelf-life and preserve the freshness of fruits and vegetables without using any preservative, chemical or refrigerants.

The unique feature of sabjikothi is that it can be deployed in any terrain and can be assembled upon any suitable means of transportation.

It only requires 20 watts of power and few liters of water per day for its operations and no further maintenance is needed.

The storage can be powered by solar energy and has battery backup of 1 day.

> shelf-life extension*

Potato Onion Arbi	30 days
Fruits	15 days
Coloured Vegetable	10 days
Green Vegetable	5 days
Leafy	3 days



Specification

- > L*B*H- 4 feet by 3.5 feet by 2.5 feet (Outer dimension)
- > Volume- Up to 200 Kg
- > Outer Material- 3 layer Padded fabric
- > Skeleton Structure- PVC Pipe
- > Window Option-Yes

*for test condition refer to our website www.sapthkrishi.com

Sabjikothi Cart

The sabjikothi Cart is an affordable wheel mounted storage to preserve the freshness and extend the shelf-life of fruits and vegetables, specially designed for street vendors, thela-wala, reri-wala to avoid the panic selling.

It can delay the browning, and prevent the weight loss incurred during the selling of fruits and vegetables.

The cart comes with a display option and is powered by solar energy.

Specification

- > Volume- Upto 200 kg
- > Display option- Yes
- > Solar Powered- Yes
- > Battery backup- upto 2 day
- > Lock Mechanism- yes
- > Insulation- Yes.
- > Air circulation-Yes

The sabjikothi cart/ preservator is developed under the National vending cart mission supported by DST, Ministry of Panchayati Raj, GOI and Rutag, IIT Kanpur.



Preservator/ Sabjikothi E-cart

Preservator- A storage especially designed to transport the fruits and vegetables for short and medium distance and avoids the losses incurred due to transportation.

The storage is best suited to micro-entrepreneurs engaged with delivery of fresh fruits and vegetables, small and medium farmers who wish to deliver their produce to mandi or market.



Specification

- > Volume- Upto 400 kg
- > Display option- Yes
- > Range- 80 km/charge
- > Lock Mechanism- yes
- > Insulation- Yes.

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