

Hi7 Agri Biosolutions

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Focus Area: Agricultural Inputs & Biotechnology

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Foundation Year: 2013

Location: Karnataka



PROBLEM STATEMENT

Post Harvest losses are enormous ranging from 30-35% that occurs during transportation, storage and in retail outlets.

SOLUTION OFFERED

Product developed is a formulation of biomolecule that suppresses Ethylene release, enhancing shelf life of perishable horticulture produce overcoming post harvest losses



blend

PRODUCT USP

- Can be used in – farm level, mandi level, primary processing centres, Retail outlets & Exports
- A product with multifunctions – shelf life enhancement and alleviates microbial stress
- Its cost effective, non toxic, eco friendly and safe to use

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

The biomolecule blend will have significant social impact by improving food security and reducing post-harvest losses, benefiting farmers and consumers. Economically, it will enhance profits for farmers and retailers by extending the shelf life of produce, reducing waste, and increasing marketability. Environmentally, it will decrease food waste and reliance on synthetic preservatives, promoting eco-friendly practices and sustainability in agriculture.



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