

SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

Bonfarmo Captech (CT) Pvt Ltd

Founder: Priyam Maheshwari

Focus Area: Farm Mechanization

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Foundation Year: 2018

Location: Delhi NCR



PROBLEM STATEMENT

Farmers manually engage to cut the bud at the node of sugarcane to be used as seeds which results in prolonged labor hours, losing excess cane stalk as seed material.



SOLUTION OFFERED

Our technology is a sugarcane bud/stalk sorting station that separates and automatically sorts buds and stalks from full-length sugarcane into different bins to be used as planting material in fields. Unlike other products in the market which are unsafe, inefficient, and effort-intensive to use, our ergonomically designed product provides high cutting rate.

PRODUCT USP

- Cutting rate of 2600 buds per hour along with safety and control to users.
- Separates nodal stalk and cane stalk material
- Allows 90% re-use of internode materials
- Modular and Interoperable

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

The social impact of the sugarcane bud/stalk sorting station lies in improving working conditions for agricultural laborers, reducing manual labor and associated health risks. Economically, it enhances productivity and efficiency in sugarcane farming, potentially increasing yields and reducing labor costs. Environmentally, by enabling more precise sorting and utilization of planting material, it may contribute to conserving resources and reducing waste in sugarcane cultivation, fostering sustainability in agriculture.



*
50+ Farmer
Demos



*
10+ Paid
Customers



*
10+ Machines
Sold



*
126+
Districts

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