

SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

PlasJuvant Techno Health LLP

Founder: Dr. Sudhir Bhatt

Focus Area: Agricultural Inputs & Biotechnology

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Foundation Year: 2019

Location: Gujarat



PROBLEM STATEMENT

Lack in seed germination rates and efficiency. Seeds are prone to microbial infection due to which high dosage of chemicals are used.

SOLUTION OFFERED

Non-thermal gas plasma generated reactive species mediated activation of seeds prior to planting for quick and efficient stimulation of germination.

PRODUCT USP

- Increased Germination Speed to 2-3 times faster than untreated seeds
- Increase germination rates by 10-20%,
- Treated seeds showing up to 30% more biomass

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

The social impact includes improved food security and farmer livelihoods through increased crop yields. Economically, it reduces costs associated with chemical seed treatments and enhances profitability. Environmentally, it offers a sustainable and eco-friendly alternative, reducing chemical usage and associated soil and water contamination.



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250+ Farmer
Benefitted



*
45+ Jobs
Created



*01 Product in
Market



*
Presence in
04+ States

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