

SUCCESS STORIES OF STARTUPS

Under RKVY RAFTAAR Scheme

Sahyadri Aerospace Pvt Ltd

Founder: Vikas Kharjul & Somnath Trambak Kute

Focus Area: Farm Mechanization

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Location: Nashik, Maharashtra, India

Year of Startup Incorporation: 2021



Every bunch of grapes must be required to deep 3 to 4 times in plant growth regulators, in its life cycle. For last many years, unavailability of manpower affects the farming of the grapes.

Sahyadri Aerospace replaced manual dipping practice with Electrostatic spraying system. Because of the negative charge of droplets, it attracts positively charged leaves and grape bunches giving 100% coverage due to charged droplets.

It has 100% coverage due to electrostatic charge with droplet size of 40 micron and reduce spray count. Precisely spray only in 40 litres water, instead using 200 litres water in conventional form. On-targeted spray with low volume spraying. It gives better coverage on leaves and grape clusters resulting in better yield.

The machine is known for its cost-efficiency – since it is 40 to 45% less than the Imported electrostatic spraying system. The system is tractor-mounted sprayer and can also be used as an adjustable boom system.



250 farmers
benefitted



40 to 45%
economical



Single spray saves
60 litres water



Rs. 59.2 Lakhs
Revenue