

SUCCESS STORIES OF STARTUPS

RKVY RAFTAAR – ARISE and UPJA

Sickle Innovations Private Limited

Founder: Nitin Gupta, Vinay Kumar Reddy, Vadde, Malik Kumar Meena

Focus Area: Farm Mechanization

Website: <https://sickle.in/>

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Foundation Year: 2014

Location: Gujarat



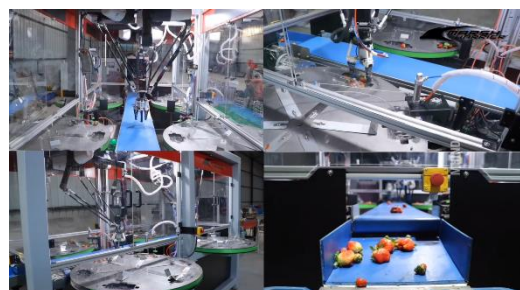
PROBLEM STATEMENT

Limited availability of viable solutions for harvesting, sorting, grading, and quality estimation of harvest produces on the basis of colour, size, and other internal factors such as BRIX level.



SOLUTION OFFERED

Sickle has launched multiple products in harvesting and post harvesting domains with the brand name “Hectare”. Startup is also using computer vision technology under its “Marsh Harrier” brand to grade and sort fruits and vegetables based on color, size, weight, external defects and internal quality parameters like BRIX level etc.



PRODUCT USP

- Single machine can perform grading for more than 18 fruits and vegetables.
- Return on investment within one year
- Crop specific solutions

SOCIAL, ECONOMIC AND ENVIRONMENTAL IMPACT

Real-time monitoring enhances aquafarming efficiency, benefiting communities with reduced labor and sustainable practices fostering community resilience by providing accessible technology. Economically, it slashes operational costs, fosters innovation, and creates jobs. Environmentally, it minimizes impact through precise water quality management, preserving ecosystems and contributing to the preservation of aquatic ecosystems and biodiversity.



* 100K+ Farmer
Benefitted



* 50K+ Paid
Customers



* 20+ Products
in market



* Rs. 522 Lakhs
Revenue

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