

Case Study: Grading Way to Add Value

Title: Spiral Grader – Promotion of New Technology in Pimpalgaon

Name of the Beneficiary: Prakash Bhanudas Bhosale

Village: Pimpalgaon

Block: Nanded

District: Nanded

Family Members: 6 (Male-3 & Female-3)

Income Source: Agriculture and Livestock

Agricultural Land: 2 Acres

Education: 10th Pass

Background:

My name is Prakash, and I am a farmer. I have been cultivating soybean crops using conventional farming methods for several years. Last year, from my 2-acre land, I harvested 20 quintals of soybeans. The total expenditure on seeds, pesticides, fertilizers, labor, etc., was Rs. 22,500/-. The market rate for soybeans was Rs. 3,500/- per quintal, yielding a total revenue of Rs. 70,000/-. Consequently, my net profit was Rs. 47,500/-.

Introduction to New Technology:

During a Village Development Committee (VDC) meeting, I learned about the Spiral Grading Machine, a tool designed to grade soybeans effectively. After seeing its utility, I decided to acquire this machine. The cost of the grader was Rs. 5,100/-, and I contributed Rs. 1,500/- in cash to obtain it.

Implementation and Results:

Using the Spiral Grading Machine, I graded 20 quintals of soybeans. Post-grading, I obtained 19 quintals of high-quality soybeans and 1 quintal of mixed-grade soybeans. The graded soybeans fetched a higher market price of Rs. 4,300/- per quintal, leading to a net profit of Rs. 15,200/-. This represented a 15% increase in net profit, solely due to the adoption of this new technology provided by the CARD organization through the Parivartan-HRDP program.

Impact on the Community:

Seeing the benefits of grading agricultural produce, other farmers in the village approached me to understand the advantages of using the grader. Many of them started hiring my grader for their produce, for which I charge Rs. 20/- per quintal. Last season, I graded around 100 quintals of soybeans for fellow farmers, earning an additional income of Rs. 2,000/- within one month.

Conclusion:

The introduction of the Spiral Grading Machine significantly increased my income and demonstrated the value of adopting new agricultural technologies. This experience has not only benefited me financially but has also encouraged other farmers in Pimpalgaon to embrace technological advancements in agriculture, thereby improving the overall economic well-being of our community.

