

“WADI has brought stability and prosperity to my family”

Harvesting Hope and Income through Integrated Farming: Case Study of Shri Hari Munda

Name: Shri Hari Munda

Address: Dulesara Village, Salebhadi GP,
Kuchinda Block, Sambalpur Dist

Total Land: 2.8 Acres (WADI – 2 Acres;
Millet Field – 0.8 Acre)

Family Members: Wife and Two
Daughters (studying in Matriculation &
Intermediate)

Project: NABARD IFS WADI Programme

Implementing Agency: SARC (Social
Action for Rural
Community) NGO



Background

Before the NABARD IFS WADI project, Shri Hari Munda, a small tribal farmer from Dulesara village, depended mainly on rainfed paddy cultivation on a small portion of his land. The upland areas remained fallow and unproductive. The family's income was very low, and during off-seasons, he used to migrate for daily labour to nearby towns.

In 2021, after motivation and guidance from **SARC NGO**, he joined the **Integrated Farming System (IFS) WADI Programme** supported by **NABARD**, dedicating **2 acres of his upland** for orchard development. He planted **60 Cashew** and **20 Mango** trees and adopted intercropping to make his land productive throughout the year.

Interventions under WADI

- **Orchard Development:** 60 Cashew + 20 Mango trees in 2 acres of upland.
- **Support Provided:** Fencing, irrigation support, organic inputs, training, and regular handholding.
- **Intercropping:** Chilly, Tomato, Brinjal, Potato, and Groundnut cultivated seasonally as per technical guidance.
- **Soil & Water Conservation:** Contour bunds, mulching, organic manure use, and micro-irrigation.

The family works together in maintaining the orchard — watering, weeding, applying manure, and harvesting intercrops.

Cropping & Income Details (2024–25)

Orchard Status:

- The **Cashew plants** have started fruiting from 2023–24 onwards.
- The **Mango plants** are growing well and are expected to start fruiting from the next 2–3 years.

Orchard Income (2024–25):

- Cashew (60 trees × 1 kg nuts/tree @ ₹120/kg) = ₹7,200
- Mango (20 trees – vegetative stage, no fruit yet) = ₹0
- **Total Orchard Income: ₹7,200**

Intercropping (Vegetables):

Crop	Area (In Acre)	Gross Income (₹)	Expenses (In ₹)	Profit (₹)
Chilly (Kharif)	1	45,000	20,000	25,000
Tomato (Rabi)	0.6	30,000	12,000	18,000
Brinjal & Potato (Rabi)	0.4	20,000	10,000	10,000
Groundnut / Long Bean (Summer)	0.6	18,000	8,000	10,000
Total from Intercrop	—	₹ 1,13,000	₹ 50,000	₹ 63,000

Millet Cultivation (0.8 Acre):

- Gross Income: ₹10,000
- Expenses: ₹4,000
- Profit: ₹6,000

₹ Total Annual Income Summary (2024–25)

Source	Gross Income (₹)	Expenses (₹)	Net Profit (₹)
Orchard (Cashew & Mango)	7,200	5,000	2,200
Vegetable Intercrop	1,13,000	50,000	63,000
Millet Cultivation	10,000	4,000	6,000
Total	₹ 1,30,200	₹ 59,000	₹ 71,200

Net Annual Profit: ₹71,000 (Approx.)

(Earlier, before project intervention, annual income was below ₹30,000.)

🌱 Impact and Transformation

- **Cashew trees** have started bearing fruits, adding a new source of income.
- **Mango trees** are expected to provide returns from 2026–27 onwards.
- Year-round income ensured through **intercropping of vegetables**.
- Reduced need for migration — the family is now fully engaged in farming.
- Improved food and nutritional security through millet and kitchen garden cultivation.
- Family savings and confidence in farming have increased significantly.



🌸 Conclusion

Shri Hari Munda says with pride,

“Earlier, my upland was barren and I had to go outside for work. Now, my WADI gives me income and vegetables throughout the year. Cashew trees have started giving fruits, and soon mango will add more income. This project has changed my life.”

The **NABARD IFS WADI Programme** has transformed his land and livelihood, ensuring **sustainability, resilience, and self-reliance**, and inspiring other farmers in Salebhadi GP and Kuchinda Block to adopt the WADI model.