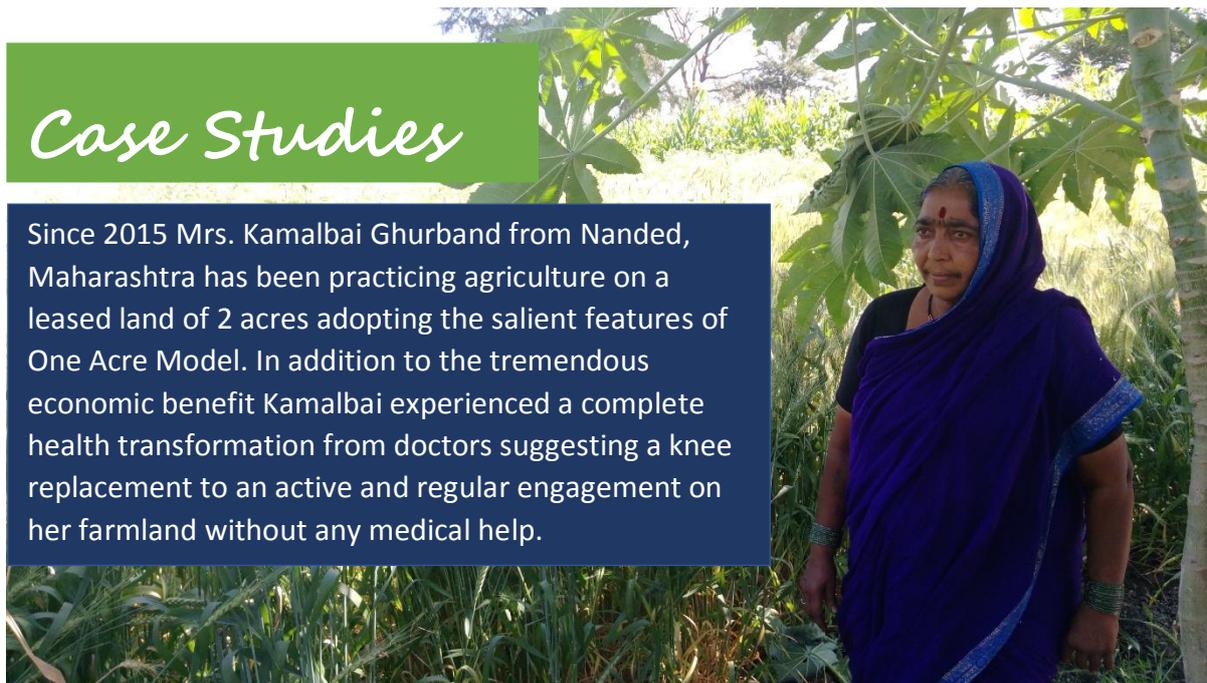


Case Studies

Since 2015 Mrs. Kamalbai Ghurband from Nanded, Maharashtra has been practicing agriculture on a leased land of 2 acres adopting the salient features of One Acre Model. In addition to the tremendous economic benefit Kamalbai experienced a complete health transformation from doctors suggesting a knee replacement to an active and regular engagement on her farmland without any medical help.



AT A GLANCE

4 Acres Own Land

2015 Adoption Year

2 Acres Leased Land
Transformed

Pre-1 Acre Model

INR **11,314** Net earnings per
Acre of Land

Post 1 Acre Model

INR **68,600** Net earnings per
Acre of Land

1 Diversified Livelihood Option post transition

Life Before Implementing One Acre Model

Mrs. Kamalbai Ghurband from Kalambar Khurdo village of Nanded, Maharashtra is an experienced farmer. She has always managed the farm in entirety as her husband worked in a sugarcane factory. Traditionally the family has been growing 3 major crops in their 4-acre land – Jawar, Cotton and Soyabean, out of which only Jawar was consumable. Besides they used to grow a meagre amount of pulses for self-consumption leaving most of the food items to be procured from the market. This in addition to that scarcity of water disallowed the Ghurband family an improved yield which restricted the on-farm income to not more than INR 65,000 per annum. Moreover, heavy usage of chemical fertilizers and pesticides not only made their land ecologically unsustainable but also made a substantial dent in their wallet. In the last few years Kamalbai's health underwent a massive deterioration to the extent that the doctors advised a knee replacement for her to walk properly. This was primarily due to obesity led by consumption of purchased food items and the consequent impact on her limbs.

“We need not visit the doctor for the past two years. I’m very happy”

*Husband of
Kamlabai
Ghurband*



INR 72,000
selling Milk

Diversification of Livelihood

In 2015 Kamlabai attended one of the trainings organized by Swayam Sikshan Prayog, got inspired and decided to adopt the one acre model practices on their land. Her ever encouraging husband supported her readily in the decision and partnered in this initiative. The family took a 2-acre land on lease for implementing the One Acre Model principles and started growing vegetables and wheat, for which otherwise the family used to spend around INR 20,000 per annum.

Integrating livestock post adoption of the model has helped the family eliminate chemical inputs thereby going completely organic. Livestock has also helped the family generate an alternate livelihood by selling cow milk worth INR 72,000 a year.

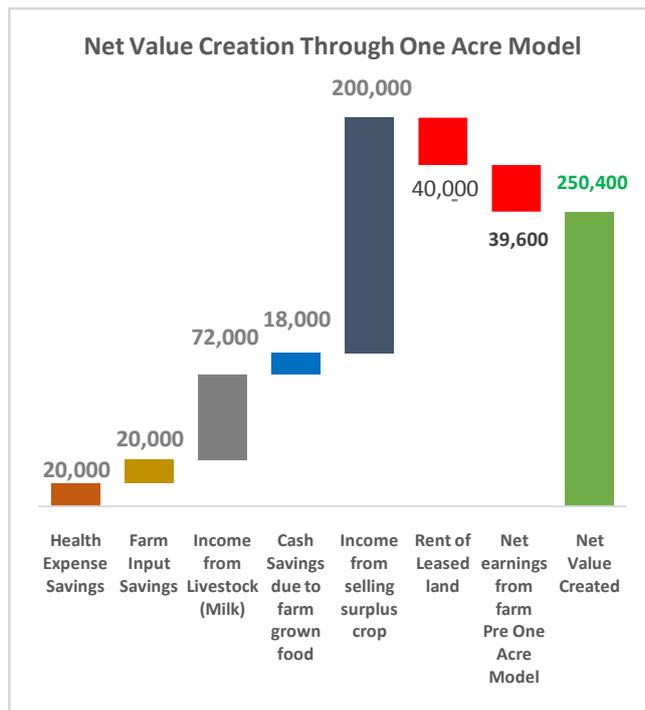
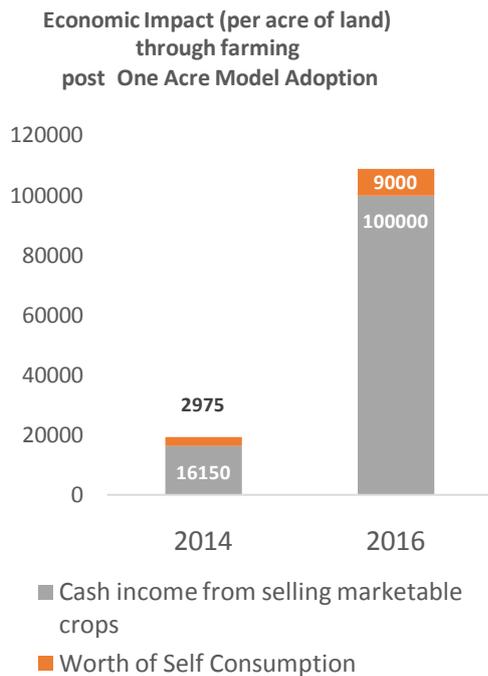
Daily close engagements on the farm had made Kamlabai physically active and improved her fitness which resulted into a monthly average savings of INR 4000 on health.

Today Kamlabai grows 13 different consumable crops on her land and protects the health, nutrition and food security of the family with a sustainable farming model.



“ She is my teacher and I’m working on the field as her student under her guidance ”

Husband of Kamlabai Ghurband



Impacts of One Acre Model on Ghurband Family

What?	How?
Increased Food Security, Health and Nutrition	<ul style="list-style-type: none"> 13 consumable crops are now grown with 50% (by value) more farm grown food items being consumed Due to livestock integration cow milk forms part of a regular diet now Organic farming ensures elimination of chemical infused food items consumed
Enhanced Economic Stability	<ul style="list-style-type: none"> End of the season lumpy cash inflows replaced with continuous income by reducing cash crop cultivation Net value creation of INR 2,50,400 through income from selling farm produce and milk, subsistence farming leading to savings on food consumption, savings from farm inputs and health related expenses.
Preservation of land quality	<ul style="list-style-type: none"> Organic inputs help to retain the soil fertility and arresting erosions thereby preserving the land quality
Social Benefits	<ul style="list-style-type: none"> The one acre model has further improved gender relations between Kamlabai and her husband She is now a model farmer and trains other women of the community

Women led Climate Resilient Farming

Making farming viable for small and marginal farming households

Empowerment



Grassroots women farmers and entrepreneurs taking up new roles as change makers

Food Security



Shift from cash crops to diversified food crops, now women and households have food from their own farms

Livelihoods



Enhanced income security by diversifying into livestock and agri allied enterprises

Natural Resources



Protection of soil, water & land through bio farming, water harvesting and afforestation

SWAYAM SHIKSHAN PRAYOG

Swayam Shikshan Prayog (SSP) empowers grassroots women's collectives to move from "Margin to Mainstream". Over two decades, we have built robust partnership eco-systems that enables women's entrepreneurship and leadership in sustainable development. Our work, by choice, is centred around low income climate threatened communities.

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