


IMPACT REPORT

CLIMATE SMART FARMING



Prepared On:

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Prepared By:

Raah Foundation

AGRICULTURE HIGHLIGHTS

Over the years, through several experiments and much required patience, Raah Foundation has successfully carried out 66,574 initiatives among 4000+ farmers. We have built sustainable market linkages for over 500 farmers.

DISPLACEMENT EFFECT

In search of a home

The once dignified farmer leaves his home land, the clouds in the sky that he no longer recognises and the fragrance of familiarity. He does this every year, every summer and some winters. He works in unknown fields, cultivating sugarcane, surrounded by an abundance of water, or brick factories, risking his health for a few bucks more. They move to nearby cities resting their wearied legs under a rattling tin structure, with no walls after a 12 hour shift of construction, only to be displaced yet again.

Climate change and human exploitation of the lands natural resources have left the Western Ghats of Maharashtra thirsty for use. Weather predictions have turned into jokes that we laugh at as we look at the bright sky from our high rise glass enclosures. And somewhere below and not too far, are farmers looking to make sense of these meaningless weather patterns.



MISSION VISION



Jawhar & Mokhada, where the rain falls plenty but the land is not designed to accept it with gratitude. These regions weren't designed to sustain change but yet they stand as the victims of fate.

Our role?

In collaboration with their intuition and wisdom and our creative and experimental expertise, the foundation is on a path to create year round farming opportunities for these farmers. The collective aim is to break these migration patterns and create a farming pattern that will generate year round income to these families.

Successful in most endeavours, our Foundation is on a never ending journey of trials, failures and success.



THE PROBLEMS

THE SOLUTIONS

EXECUTIVE SUMMARY



A brief understanding of what we do and what we have been up to.

GUIDELINES

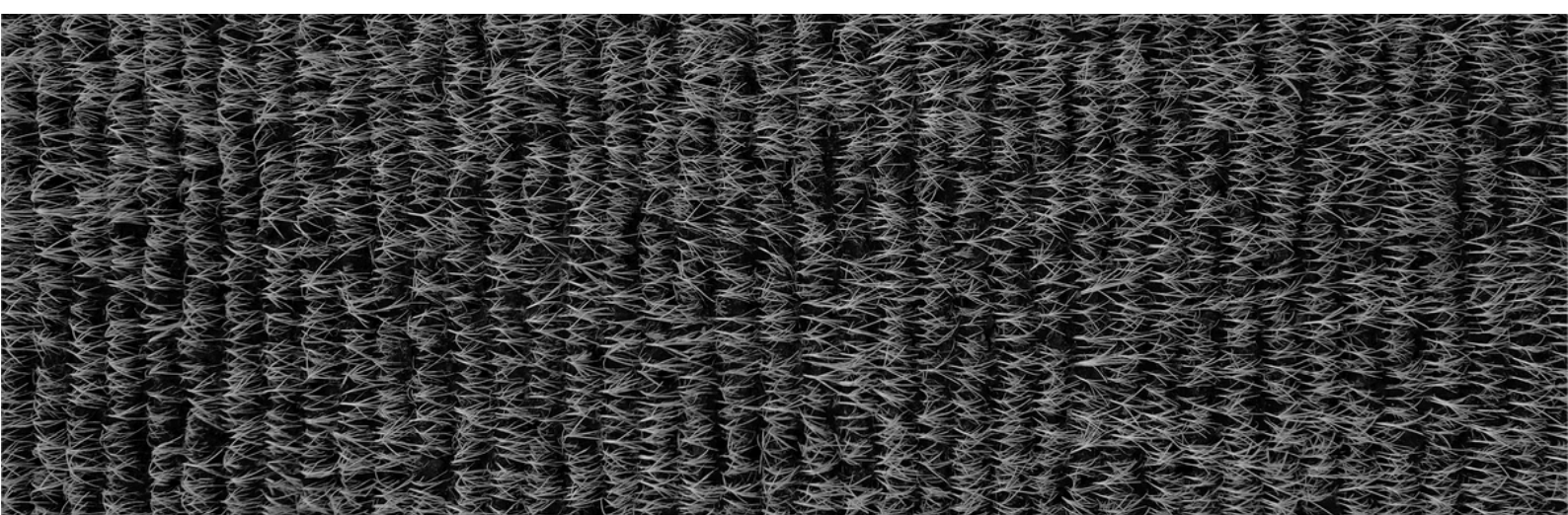
Raah Foundation's Water Security program is guided by the following principles:

- **Collaborative:** To design sustainable farming patterns for them, a part of it has to be designed by them.
- **Holistic:** Addressing all aspects of migration, including water accessibility, climate change & capital availability
- **Sustainable:** The program is designed with an exit strategy based on each farmers needs and hence differs from crop to crop & farmer to farmer.

ACHIEVEMENTS

Our ground level data collection proudly screams numbers, numbers and more numbers!

- **1500 acres of barren farmland rejuvenated to facilitate year-round farming.**
- **20% - 50% funding cost contributed by farmers**
- **Over 500 farmers supported with market linkages.**
- **~2000 migration cycles have been broken.**



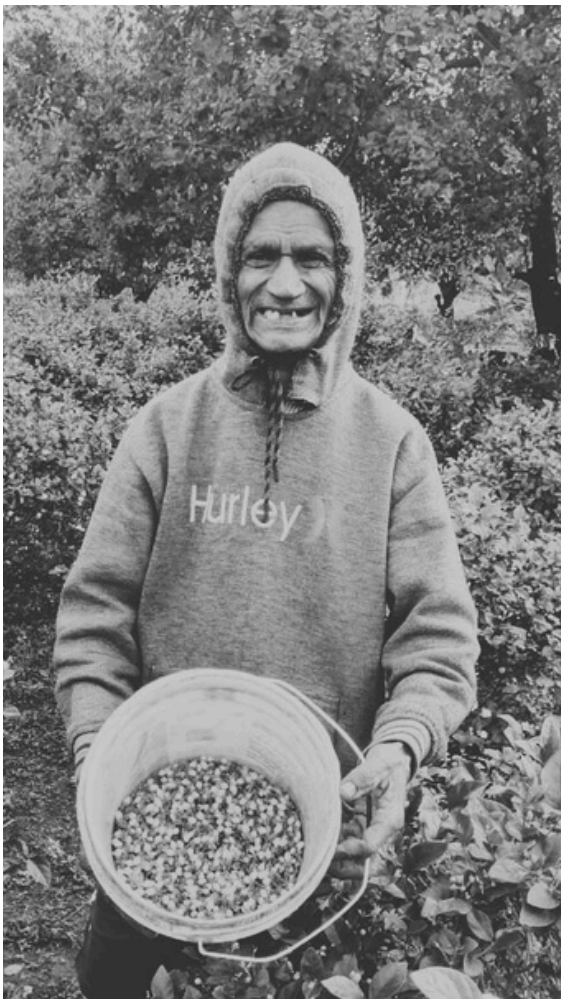
RAAH'S WORK



Dragonfruit plantations

2023

- **84** turmeric farmers enrolled
- **242** farmers creating food forests
- **177** farmers farming Kharif & Rabi vegetables
- **100** rice farmers
- **100** millet farmers
- **145** jasmine farmers
- **59** magnolia farmers
- **30** farm ponds built



Mogra plucked early in the morning



A man spraying his turmeric with bio fertilisers



A Rabi farmer with her yeild of the day

IMPACT GALLERY



String beans harvested post Rabi season



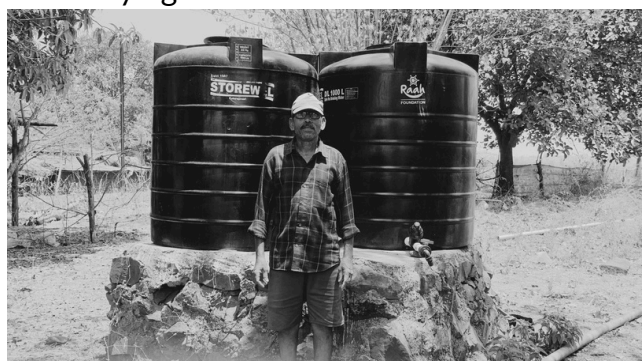
Haldi harvest



Dragonfruit plantation



Haldi drying



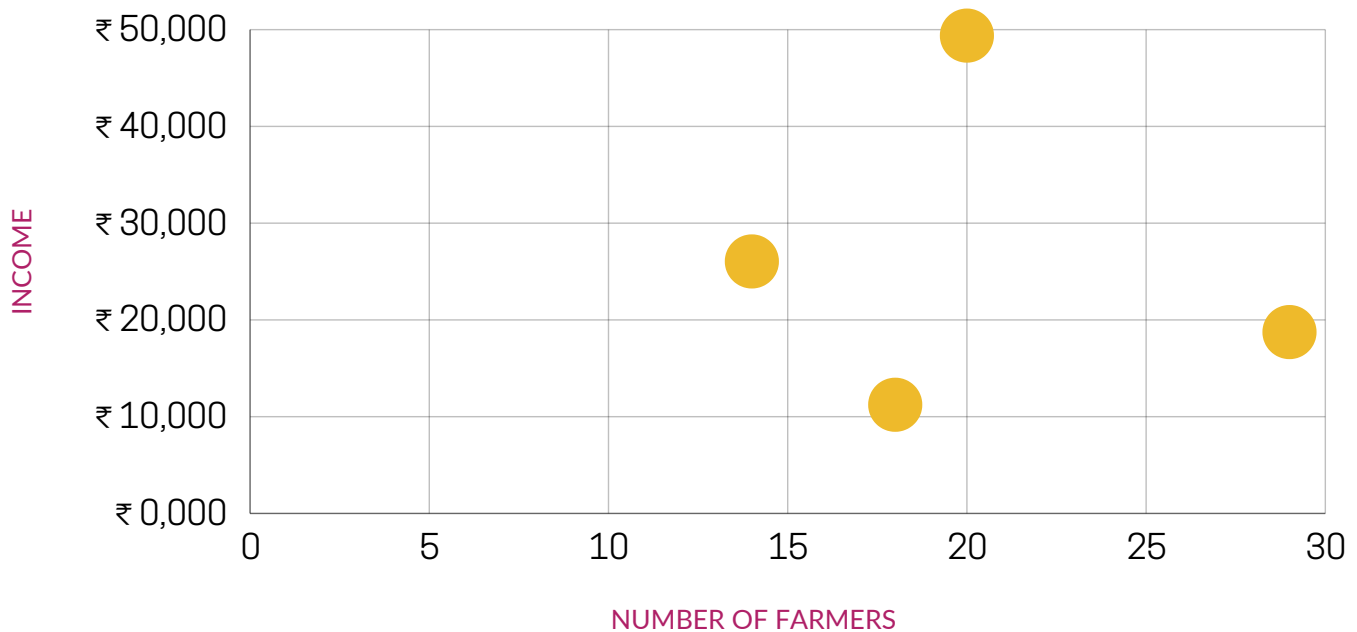
Water tank provided for Jasmine irrigation

OUR IMPACT

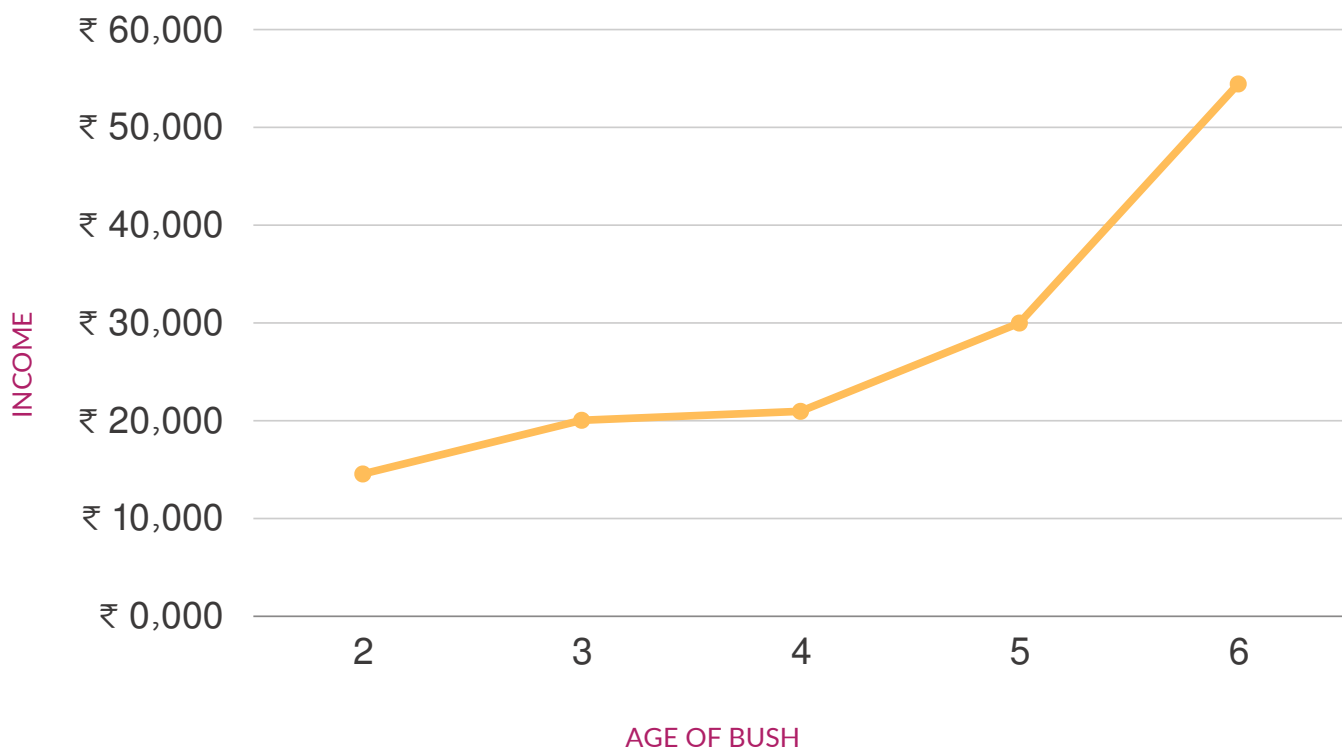


FINANCIAL IMPACT

Data indicating the average income in ₹ corresponding to the number of farmers at the end of the turmeric pilot.



DATA INDICATING THE INCREASE IN INCOME RELETAIVE TO THE AGE OF THE MOGRA BUSH



FUTURE OUTLOOK



Climate crisis cost Maharashtra 36 million hectares of crops in 5 years

[Hindustan Times - 28th April, 2023.]

STRATEGIC PRIORITIES

For the past three years, our efforts have been focused on infrastructure and production. We have reached a point where we have established models that are working seamlessly for some of our farmers. We will continue to expand this program organically with the growing industry interest in climate smart farming. **Adding 1,000 farmers to our circle every year until 2030, our focus shifts towards building more sustainable direct market linkages that can function independent of us.**





CONTACT US

Reach out to us if you'd be interested in joining or supporting our foundation as a whole or a specific program. Our team would be more than happy to assist you in any and all ways possible!



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