

# CASE STUDY ON HALF MOON TERRACE UNDER FOCUS MAMIT DISTRICT

## Introduction

Half-moon terrace is the construction of half-moon shape terrace of about 1.5 cubic meter area around the basal portion of plantation and fruit crops. Its main purpose lies in the flat top surface design that captures and reduces the top soil run off. It is one of the most effective and ecofriendly ways of rejuvenating and conserving the soil health for plants. Even though few farmers are aware about the method, wide spread construction is limited due to its high labour cost.

## FOCUS Intervention

Arecanut being the most common plantation crop in Mamit District and in pursuance of the proposal letter received from the FIG'S halfmoon terrace has been introduced to arecanut farmers where training and financial assistance is provided for the labour cost of Rs15000/hh.

Year	No of village	No.of FIG	No.of household	Area covered (Before FOCUS intervention) Ha	Area covered (After FOCUS intervention) Ha	Total Area (ha) 5+6	Remarks
1	2	3	4	5	6	7	8
2021	3	16	89	6	44.5	170.5	Increase in 88% of half-moon terrace area is observed
2022	15	55	210	15	105		
				21	149.5		



## **OBSERVATIONS**

1. Farmers are excited to construct half-moon terrace in their land.
2. Good results have been observed as below -
  - a) Fast growth.
  - b) Withstand drought better.
  - c) Improve soil fertility.
  - d) Thick basal portion of stem.
3. Application of mulching is easier on the terrace.

## **Recommendation**

Seeing the results and the positive impact it does. I highly recommend half moon terrace in the coming years.

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