

Name of Farmer: Pratibhaben Mansinh Gohil

Village: Mouvachhi

Taluka : Bardoli

District: Surat

Education: B.Sc (microbiology)

Mobile No: 9558757537



Introduction:

- Adopted natural farming since 2014.
- Cultivated sugarcane and turmeric during Rabi season for value added Products by Natural farming.
- Prepared and used beejamrit for seed treatment and jivamrit for nutrition management.
- Prepared and used dusparni ark, brahmastra, neemastra and agniastra for controlling Pests.

Training and guidance of KVK

- Used ICT mechanism (WhatsApp and face book).
- Participated in exhibitions / workshops and forums regularly.
- Regular trainings to the farmers

Practices adopted

- Practiced natural farming and cultivated sugarcane and turmeric
- Used beejamrit for seed treatment.
- Used various types of natural inputs like jivamrit and ghanjivamrit
- Used various types of natural pesticides like Neemastra, Agneyastra, Brahmastra, Dasparniark etc
- Used various types of natural methods of insect-pest controller like Pheromone traps,
- Cultivated mixed crops and used border crops for managing insects.
- Used live mulch and dead mulch.
- Participated in district and state level natural farming trainings.

Comparison between Natural Farming and Conventional Farming

Parameters	Natural Farming (Area in ha)	Conventional Farming (Area in ha)
Name of Crop		
Sugarcane	0.5	1.0

Turmeric	0.5	0
Cost of cultivation (Rs)	320000	175000
Production (q)	Sugarcane: 70 ton Turmeric: 19 ton	Sugarcane: 100 ton
Gross return (₹)	1060000	300000
Net return (₹)	740000	125000
BC ratio	3.31	1.71

Benefits and achievements

- Reduced input cost.
- Reduced cost of cultivation.
- Resulted in higher yields with good turmeric quality, size and increased shelf life.
- Increased net income with the use of natural fertilizers and insecticides.
- Consumed and sold chemical-free food to the community.
- Improved soil health with high earthworm count.

Impact of the Technology

Fig: Turmeric Production through Natural Farming

