

Name of Farmer: Manharbhai Ishvarbhai Lad

Village: Karanj

Taluka: Olpad

District: Surat

Education: M.com

Mobile No: 9925242049



Introduction:

- Adopted natural farming since 2018.
- Earlier he was doing cotton and Pointed Gourd by chemical farming.
- He has 0.68 ha land under Natural farming.
- Adopted natural farming and used Beejamrit, Jivamrit and Ghanjivamrit for managing nutrients. He also follows mulching practice.
- Used Neemastra and Brahmastra for controlling pests and diseases.

Training and guidance of KVK

- Used ICT mechanism (WhatsApp and face book).
- Participated in exhibitions / workshops and forums regularly.
- Regular trainings & visit by KVK scientists.

Practices adopted

- Adopted natural farming since 2018.
- Cultivated Greengram, Carrot & Maize crop under Natural farming.
- Cultivated Banana ,Guava , Moringa etc in jungle model of Natural Farming
- Prepared and used beejamrit and jivamrit.
- Prepared and used dusparni ark, brahmastra, neemastra and agniastra for controlling pests & diseases

Comparison between Natural Farming and Conventional Farming

Parameters	Natural Farming	Conventional Farming
Name of Crop (Five Layer Model)	Mango, Lemon, Drumstick, Guava, Banana, Jamun, Pomegranate, Ryan, Mulberi, Aonla, Litchi, Fig, Apple, Turmeric Pointed Gourd, Papaya, Custard apple, Fenugreek, Palak, Coriander, Brinjal, Tomato etc...	Cotton and Pointed Gourd
(Area in ha)	0.68	0.68
Cost of cultivation (Rs)	70000	800000
Production (q)	--	Cotton:12 Qtl. Pointed Gourd: 25 Qtl.
Gross return (₹)	200000	35000+50000=85000
Net return (₹)	130000	50000
BC ratio	2.86	1.06

Benefits and achievements

- Utilized crop residues for mulching.
- Improved soil health.
- Value addition by making Jiggery from natural farming.
- Consulted by many famers for natural farming.

Impact of the Technology:

- Cost of Cultivation reduced
- Net Profit Increased
- Soil health improved.
- Quality of produce improved
- Many farmers visited his farm and started Natural Farming

Fig: Banana, Guava etc Production through Natural Farming





