

Name of Farmer: Rajkumar Chhaganbhai Patel

Village: Antroli

Taluka : Kamrej

District: Surat

Education: Diploma Engineering (Civil)

Mobile No: 9724306433



Introduction:

- Adopted natural farming since 2017.
- He has old mango orchard in which he is practicing Natural Farming
- He Cultivated sugarcane-turmeric intercropping with Natural farming.
- Adopted natural farming and used beejamrit, jivamrit and ghanjivamrit for managing nutrients.
- Used neemastra and brahmastra for controlling pests and diseases.
- Used drip irrigation.

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 2017.
- Cultivated sugarcane-turmeric 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

Comparison between Natural Farming and Conventional Farming

Parameters	Natural Farming (Area in ha)	Conventional Farming (Area in ha)
Name of Crop		
Sugarcane	1.5	1.5
Turmeric, Greengram, Sesame	-	--
Cost of cultivation (Rs)	152000	262500
Production (q)	115 ton+ 95 kg +200 kg+35 kg	150 ton
Gross return (₹)	336000+ 30875+15000+8750=390625	450000
Net return (₹)	238625	187500
BC ratio	2.57	1.71

Benefits and achievements

- Utilized crop residues for mulching. ☐
- Improved soil health.
- Generated employment.
- Generated higher income through value addition of product.
- Consulted by many famers for natural farming.

Impact of the Technology

Fig: Turmeric Production through Natural Farming

