

Name of Farmer: Rajdeepbhai Ashokbhai Patel

Village: Saras

Taluka: Olpad

District: Surat

Education: H.Sc, ITI

Mobile No: 955875737



Introduction:

- Adopted natural farming since 2018.
- Earlier he was doing organic farming
- He has Natural farming Jungle model in 2.5 ha.
- Adopted natural farming and used beejamrit, jivamrit and ghanjivamrit for managing nutrients.
- 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 paddy & wheat-gram as mix crop by Natural farming.
- Cultivated many types of fruits & vegetables in jungle model
- 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	Fruit: Vegetables: Sugarcane, Peginpea,	Paddy-Wheat or Gram, Castor
(Area in ha)	2.25	2.25
Cost of cultivation (Rs)	90000	135000
Production (q)	Different fruits & Vegetable	100 Qtl
Gross return (₹)	350000	150000
Net return (₹)	260000	15000
BC ratio	2.88	1.11

Benefits and achievements

- Utilized crop residues for mulching. ☑
- Improved soil health as he has salty soil
- Improved micro-climate through drip irrigation
- Generated employment.
- Consulted by many famers for natural farming.

Impact of the Technology

Fig: Jungle model of Natural Farming

