

**Name of Farmer: Amitkumar Rameshbhai Patel**

**Village: Pasodara**

**Taluka : Kamrej**

**District: Surat**

**Education: M.com**

**Mobile No: 9428150636**



**Introduction:**

- Adopted natural farming since 2018.
- Cultivated sugarcane, green gram, potato ,beet, carrot and maize by Natural farming.
- 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 to the farmer

**Practices adopted**

- Adopted natural farming since 2018.
- Cultivated sugarcane, greengram, potato, beet, carrot and maize 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 agniasttra 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	<b>1.5</b>	<b>1.5</b>
Potato, Onion,	Inter Crop	--
Turmeric, Ginger,	Inter Crop(yet to harvest)	--
Cost of cultivation (Rs)	210000	262500
Production (q)	137	150 ton
Gross return (₹) Main + Inter	975000+55000=1030000	450000
Net return (₹)	920000	187500
B:C ratio	4.90	1.71

**Benefits and achievements**

- Utilized crop residues for mulching. ☐
- Improved soil health.

- Generated employment through value addition
- Generated higher income through value addition of product.
- Consulted by many famers for natural farming.

### **Impact of the Technology**

**Fig: Sugarcane & Beet Production through Natural Farming**

