

More profit with low cost Technology

Personal Details

Name of the farmers	Patel Dipakbhai Shamalbhai
Village	Jakhora
Taluka	Gandhinagar
District	Gandhinagar
State	Gujarat
Education	B.A.
Mo.No.	9898435070



Background Information of farmer

He is a young and enthusiastic graduate farmer of Jakhora village of Gandhinagar district of Gujarat. After completed his graduation during 1996, he decided to join hands with his father in agriculture. He has 3.25 ha irrigated land and 6 milch animals. He regularly maintains farm records.

Innovation Details

Soil fertility means more than just providing plants with macro and micro nutrients. Effective fertility management considers plants, soil organic matter (SOM) and soil biology. Soil fertility is improved by organic matter management and not through input substitution. Due to continuous use of soil, a good soil fertility strategy for farmers is to make best use of all organic sources of plant nutrients. Innovation was to apply “*Amrut Pani*” as soil application. Which was prepared by mixing of fresh cow dung 20kg, cow urine 10 litre, jaggary 2 kg, pulse flour 2 kg, butter milk 2 lit and 1 kg soil beneath tree in 200 litre of water. The prepared mixture was used 4 times with irrigation water during crop period.

Efforts of KVK

KVK has organized trainings, FLDs, OFTs and other extension activities in this village regularly. After the programmes of KVK he built-up the better relation with KVK and Improve their knowledge and skill through various activities. KVK motivated him for use of low cost sustainable technologies to improve soil health and crop production. Before intervention, due to use of chemical fertilizers, soil was turn to hard and he used to irrigate crops in less interval of time. KVK advised to use “*Amrut Pani*” in the fields, and he started so. As a result of this, cost of cultivation reduced, soil physical and chemical status improved and he got more profit. Now he is applying it regularly in his fields. Many farmers has motivated by his innovation and adopted the technology.

Economics

Year 2014-15

Crop	Area (ha)	Cost of cultivation (Rs./ha)	Production (q/ha)	Gross income (Rs./ha)	Net income (Rs./ha)
Wheat	2.25	35962	41.77	62488	26526
Paddy	2.8	54971	65.71	124142	69172
Total	5.05	90933	107.48	186630	95698

Year 2015-16

Crop	Area (ha)	Cost of cultivation (Rs./ha)	Production (q/ha)	Gross income (Rs./ha)	Net income (Rs./ha)
Wheat	1.25	33432	29.12	51600	18168
Paddy	2.75	66845	64.0	119800	52955
Total	4.0	100277	93.12	171400	71123