

## Increase Yield in Potato through Drip Irrigation and Best Management Practices: A Success Story

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Mr. Pankajbhai Devjibhai own 11 acre land he has been doing agriculture from the last 15 years. He lives at Abadasan village near Idar taluka in Sabarkantha district. (Gujarat). He is always ready for innovation ideas in agriculture. He has five members .Earlier he used to grow cereals, soybean and fodder sorghum. He has studied B.Com.



**Training and Motivation:** Earlier years cultivation cereals and soybeans and after contact Dr. Him mat Patel Assit. Professor (Agronomy)Navsari Agri.uni. Navsari and ATMA staff. Him the technical knowledge and peat and disease control measure in innovative farmer field.

**Technology and innovation adopted:** He adopted drip irrigation and after last three years sowing potato crop. Potat seeds are very costly as compared to cereals crops. Potato sowing through drip irrigation so increase yield and more benefit. Potato planter and digger are used to sowing and harvesting time.

#### **Cost of Cultivation of Potato in ha**

Time of sowing: second week of November

Method of sowing: Potato Planter

Variety: Innovator

Seed treatment: 1 kg Mancozeb and 1500kg potato.

Seed Rate: 2500kg/ha

Irrigaton: Drip irrigation method are used and alternate 1 hours operate

Fertilizer: 450 kg DAP, 450 Kg MOP 400Kgand Ammonium sulphate are used basal next after fustigation

Harvesting: Potato Digger are used

#### **Last Three Years Cost of Cultivation in ha.**

Sr.No	Years	Yield t/ha	Rate in Ton.	Total Rs	Expenditure	Net profit
1	2018	35	180	315000	82750	232250
2	2019	37	182	336700	101010	235690
3	2020	36	189	340200	101526	238674