

What our Beneficiary Farmers have to say !!!!!

Name : Pashabhai Kamabhai Patel
Village : Sherpur
Taluka : Idar
Dist. : Sabarkantha

Sabarkantha District has scanty rainfall and the crop cycle is highly dependent on rains. Pashabhai has invested in a drip irrigation set under the auspices of subsidy scheme floated by GGRCL. He has 3.60 Hectares out of which the drip facility is being used in 1.74 Hectares. Here are the comparisons !

Sr. No.	Details	2008-09	2009-10	2010-11	2011-12	2012-13	2013-14
1	Crop Sown	Taiwan Papaya	Tomato - Abhinay	B.T.Cotton - Vikram 5	Tomato - Abhinay	B.T.Cotton - Vikram 5	Tomato - Abhinay
2	Per Hectare Produce in KGs (drip irrigated land)	50000	47500	3250	50000	3500	70000
3	Per Hectare Produce in KGs (flood irrigated land)	35000	30000	2500	29500	2400	55000
4	Income based on prevalent price of crop for all 6 years.						
	A. Drip Crop	200000	237500	192500	292500	175000	560000
	B. Without Drip Crop	140000	150000	125000	154875	120000	440000
5	Savings per Hectare due to installation of Drip Set	12200	13000	12000	14200	11000	10000
6	Total Income per Hectare -(4A+5-4B)	72200	100500	49500	121825	66000	130000

Based on last six years experience

→ 49% increase in better quality crop yield

- 25% reduction in labour costs
- 25% savings due to effective utilization of fertilizers
- 40% to 50% savings in water usage
- Significant savings in Electricity costs

Six years progress chart

- Per Hectare increase of Rs. 540025 every year - Rs. 90000 more per hectare compared to flood irrigation
- Total land area - 3.60 Hectare - Water savings due to adoption of drip set has enabled watering of entire land area as compared earlier
- Due to good results in the first year itself - adopted drip irrigation for remaining 1.86 hectares of land
- In 2007-08 5 more farmers of the village adopted drip irrigation which yielded good results. Today 80% farmers in the village have drip irrigation
- Having spent Rs. 87000 for the drip set in 2007-08, within first year could offset the said expense
- Due to increase in income due to drip irrigation - purchased a bike in and additional 4 Acre new land in 2010-11 and a new tractor in 2013-14
- Drip Irrigation set purchased in 2007-08. Today after 5 years - negligible maintenance, acid treatment two times and full cooperation of company representatives and dealers
- Definite life of minimum 8 years if maintained properly

incidental benefits

additonal income
deployed

Life of Drip Irrigation

" In order to reduce the effects of Global warming and effective use of existing water levels for irrigation, it is a must for every farmer to adopt micro irrigation practices and contribute wholeheartedly in the Nation's march towards economic prosperity. I cannot imagine farming without Drip Irrigation. My advise to all the farmer fraternity is to definitely adopt this practice."

**Sherpur
10/3/2014**