

General Information

Name of the Farmer	Sanjay Borgave
Location	Nandani, Sangali, Maharashtra.
Type of drip system used	Integrated dripline - dripper @ every 40 cm - dripper discharge 2 LPH
Crop	Tomato
Variety	NS - 2535
Date of transplant	May 10, 2003
Date of last harvest	September 25, 2003
Soil Type	Medium
Fertigation	Water soluble fertilizers were given through drip irrigation
Crop Duration	135 days [4.5 months]
Area under drip irrigation	1.5 acre
Area under flood irrigation	2.25 acre
Yield / Acre under drip	40 Tons
Yield / Acre under flood	23 Tons

Economic Analysis

Particulars	Under Drip Irrigation			Under Flood Irrigation		
	Qty	Rate [Rs / Unit]	Amount [Rs / Ac]	Qty	Rate [Rs / Unit]	Amount [Rs / Ac]
1. Fixed cost of irrigation system			30,000			
2. Life			10 Years			
3. Depreciation			3000			
4. Interest @ 12 % annum			3600			
5. Sub Total			6600			
6. Irrigation system cost spread over 2.25 crop per year			2933			
7. Land Preparation			3000			2100
8. Manures and Fertilizers			11,400			15,000
9. Nursery Raising			1375			1375
10. Transplanting	6 W. D*	25	150	6 W. D.	25	150
11. Manual weeding	20 W. D.	25	500	80 W. D.	25	2000
12. Staking			1540			1540
13. Plant Protection			4500			9000
14. Irrigation Management			0	30 M. D.**	40	1200
15. Harvesting	110 W. D.	25 / day	2750	60 W. D.	25 / day	1500
16. Cost of Cultivation			24,965			33,865
17. Cost of Packaging			40,000			27,500
18. Total Income	40 Tons	2660 / Ton	1,06,400	23 Tons	2400/Ton	55,200
Net Income			41,435			-6165
Labour Saving in Drip			2700			
Fertilizer Saving in Drip			3600			
Saving in plant protection			4500			



High Fruit Setting Under Drip



Crop Stand Under Drip



High Fruit Load Under Drip



Crop Stand Under Flood



Uniform Fruits Under Drip



Non Uniform Fruits Under Flood

Netafim Irrigation India Private Limited

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