

## CROP ECONOMICS

Poly house Type: Naturally Ventilated Poly house type

Crop: TOMATO

Area of Poly house: 4000 Sq. mtr. ( 1.0 Acre )

Sr. No.	Item	Description	Amount
	Area of Poly house	<b>4000</b>	
A	Poly house Construction	Naturally Ventilated Poly house as per <b>MIDH</b> norms: Totally GI pipe structure & imported Polyethylene @ Rs. 844 /- per Sq. mtr.	3,376,000
B	Drip Irrigation System	Drip Irrigation system for plants. Fogging system to maintain the temperature and Humidity in Polyhouse. Fertigation unit and Water Filtration unit	400,000
C	Growing System (Bed Preparation)	40 cm high & 90 cm wide raised bed prepared with Red Soil, Farm Yard Manure (FYM), Rice Husk, Sand etc.	460,000
D	Nursely Seedling	Plant Density: 3 plants / Sq. Mtr. Total No. of Plants: 10,000 Nos. Cost per Plant: Rs. 10 / plant	100,000
		<b>Rs.</b>	<b>4,336,000</b>
<b>E</b>	<b>Cost of Cultivation per Year</b>		
	Water requirement	1.0 litre / plant / day + Misting + Spraying	10,000
	Electricity & Generator	3.0 unit per day	50,000
	Fertilizers	Water Soluble fertilizers	112,000
	Labour	6 - 8 labours per day	360,000
	Crop Protection	Spraying	120,000
	Packing Material, Transport, Sales Commission	Fruit packing and transport to market	120,000
	Miscellaneous	Maintainance, Depreciation etc.	10,000
	Supervision	Rs. 12,000 / month	144,000
	<b>Sub total</b>	<b>Rs.</b>	<b>926,000</b>
<b>F</b>	<b>Returns per Year</b>		
	Yield / Plant / Year in Kg	8	80,000
	Price per Kg Rs.	20	20.00
	Total Returns	Per Year	1,600,000
	Cost of Cultivation	Per Year	926,000
	Net Return	Per Year	<b>676,000</b>

Note: The above calculations are indicative only.