

CROP ECONOMICS			
Poly house : Naturally Ventilated Poly house type			
Crop: CUCUMBER			
Area of Poly house: 4000 Sq. mtr. (1.0 Acre)			
Sr. No.	Item	Description	Amount
	Area of Poly house	4000	
A	Poly house Construction	Naturally Ventilated Polyhouse as per MIDH 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.	400,000
D	Nursey Seedling	Plant Density: 3 plants / Sq. Mtr. (2 Cycles in Year) Total No. of Plants: 10,000 Nos. (20,000 in a Year) Cost per Plant: Rs. 8 / plant	160,000
	Total Investment	Rs.	4,312,000
E	Cost of Cultivation per Year		
	Water requirement	1.0 litre / plant / day + Misting + Spraying	20,000
	Electricity & Generator	3.0 unit per day	50,000
	Fertilizers	Water Soluble fertilizers	112,000
	Labour	2 - 3 labours per day	200,000
	Crop Protection	Spraying	60,000
	Packing Material, Transport, Sales Commission	Fruit packing and transport to market	120,000
	Miscellaneous	Maintainance, Depreciation etc.	70,000
	Supervision	Rs. 10,000 / month	100,000
	Sub total	Rs.	832,000
F	Returns per Year (2 Crop Cycles in a Year)		
	Yield / Plant / Year in Kg	5	100,000
	Price per Kg Rs.	15	15.00
	Total Returns	Per Year	1,500,000
	Cost of Cultivation	Per Year	832,000
	Net Return	Per Year	668,000

Note: The above calculations are indicative only.