

CROP ECONOMICS

Poly house : Naturally Ventilated Poly house type

Crop: GERBERA

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 Poly house 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)	45 - 60 cm high & 60 - 70 cm wide raised bed prepared with Red Soil, Farm Yard Manure (FYM), Rice Husk, Sand etc.	440,000
D	Tissue culture Plants	Plant Density: 6 plants / Sq. Mtr. Total No. of Plants: 24,000 Nos. Cost per Plant: Rs. 30 / plant	720,000
	Total Investment	Rs.	4,936,000
E	Cost of Cultivation per Year		
	Water requirement	0.7 litre / plant / day + Misting + Spraying	20,000
	Electricity & Generator	3.0 unit per day	50,000
	Fertilizers	Water Soluble fertilizers	120,000
	Labour	3 - 4 labours per day	360,000
	Crop Protection	Spraying	120,000
	Packing Material, Transport, Sales Commission	Flower packing and transport to market	324,000
	Miscellaneous	Maintainance, Depreciation etc.	70,000
	Supervision	Rs. 12,000 / month	144,000
	Sub total	Rs.	1,208,000
F	Returns per Year		
	Yield / Plant / Year	45	1,080,000
	Price per Flower Rs.	2.75	2.0
	Total Returns	Per Year	2,1600,000
	Cost of Cultivation	Per Year	1,208,000
	Net Return	Per Year	952,000

Note: The above calculations are indicative only.