CROP ECONOMICS

Polyhouse Type: Naturally Ventilated Polyhouse

Crop: GYPSOPHILA

Area of Polyhouse: 4000 Sq. mtr. (1.0 Acre)

Sr. No.	Item	Description	Amount
	Area of Polyhouse	**4000**	
A	Polyhouse Construction	Naturally Ventilated Polyhouse as per **National Horticulture Board** norms: Totally GI pipe structure & imported Polyethylene @ Rs. 825 /- per Sq. mtr.	3,300,000
B	Drip Irrigation System	Drip Irrigation system for plants. Fogging system to maintain the temperature and Humidity in Polyhouse. Fertigation unit and Water Filteration unit	376,000
C	Growing System (Bed Preparation)	45 cm high & 90 cm wide raised bed prepared with Red Soil, Farm Yard Manure (FYM), Rice Husk, Sand etc.	400,000
D	Routed cutting Plants	Plant Density: 5.0 plants / Sq. Mtr. Total No. of Plants: 20,000 Nos. Cost per Plant: Rs. 40 / plant	800,000
	Total Investment	**Rs.**	**4,876,000**
E	**Cost of Cultivation per Year**		
	Water requirement	0.9 litre / plant / day + Misting + Spraying	124,000
	Electricity & Generator	3.0 unit per day	100,000
	Fertilizers	Water Soluble fertilizers	60,000
	Labour	2 - 4 labours per day	336,000
	Crop Protection	Spraying	60,000
	Packing Material, Transport, Sales Commission	Flower packing and transport to market	240,000
	Miscellaneous	Maintainance, Depreciation etc.	487,600
	Supervision	Rs. 12,000 / month	144,000
	Sub total	**Rs.**	**1,551,600**
F	**Returns per Year**		
	Yield / Plant / Year	20	480,000
	Price per Flower Rs.	5	5.00
	Total Returns	Per Year	2,400,000
	Cost of Cultivation	Per Year	1,551,600
	Net Return	Per Year	**848,400**

Note: The above calculations are indicative only.